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No.	Author(s)	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612	1611	1610	1609	1608	1607	1606	1605	1604	1603	1602	1601	1600	1599	1598	1597	1596	1595	1594	1593	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579	1578	1577	1576	1575	1574	1573	1572	1571	1570	1569	1568	1567	1566	1565	1564	1563	1562	1561	1560	1559	1558	1557	1556	1555	1554	1553	1552	1551	1550	1549	1548	1547	1546	1545	1544	1543	1542	1541	1540	1539	1538	1537	1536	1535	1534	1533	1532	1531	1530	1529	1528	1527	1526	1525	1524	1523	1522	1521	1520	1519	1518	1517	1516	1515	1514	1513	1512	1511	1510	1509	1508	1507	1506	1505	1504	1503	1502	1501	1500	1499	1498	1497	1496	1495	1494	1493	1492	1491	1490	1489	1488	1487	1486	1485	1484	1483	1482	1481	1480	1479	1478	1477	1476	1475	1474	1473	1472	1471	1470	1469	1468	1467	1466	1465	1464	1463	1462	1461	1460	1459	1458	1457	1456	1455	1454	1453	1452	1451	1450	1449	1448	1447	1446	1445	1444	1443	1442	1441	1440	1439	1438	1437	1436	1435	1434	1433	1432	1431	1430	1429	1428	1427	1426	1425	1424	1423	1422	1421	1420	1419	1418	1417	1416	1415	1414	1413	1412	1411	1410	1409	1408	1407	1406	1405	1404	1403	1402	1401	1400	1399	1398	1397	1396	1395	1394	1393	1392	1391	1390	1389	1388	1387	1386	1385	1384	1383	1382	1381	1380	1379	1378	1377	1376	1375	1374	1373	1372	1371	1370	1369	1368	1367	1366	1365	1364	1363	1362	1361	1360	1359	1358	1357	1356	1355	1354	1353	1352	1351	1350	1349	1348	1347	1346	1345	1344	1343	1342	1341	1340	1339	1338	1337	1336	1335	1334	1333	1332	1331	1330	1329	1328	1327	1326	1325	1324	1323	1322	1321	1320	1319	1318	1317	1316	1315	1314	1313	1312	1311	1310	1309	1308	1307	1306	1305	1304	1303	1302	1301	1300	1299	1298	1297	1296	1295	1294	1293	1292	1291	1290	1289	1288	1287	1286	1285	1284	1283	1282	1281	1280	1279	1278	1277	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265	1264	1263	1262	1261	1260	1259	1258	1257	1256	1255	1254	1253	1252	1251	1250	1249	1248	1247	1246	1245	1244	1243	1242	1241	1240	1239	1238	1237	1236	1235	1234	1233	1232	1231	1230	1229	1228	1227	1226	1225	1224	1223	1222	1221	1220	1219	1218	1217	1216	1215	1214	1213	1212	1211	1210	1209	1208	1207	1206	1205	1204	1203	1202	1201	1200	1199	1198	1197	1196	1195	1194	1193	1192	1191	1190	1189	1188	1187	1186	1185	1184	1183	1182	1181	1180	1179	1178	1177	1176	1175	1174	1173	1172	1171	1170	1169	1168	1167	1166	1165	1164	1163	1162	1161	1160	1159	1158	1157	1156	1155	1154	1153	1152	1151	1150	1149	1148	1147	1146	1145	1144	1143	1142	1141	1140	1139	1138	1137	1136	1135	1134	1133	1132	1131	1130	1129	1128	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108	1107	1106	1105	1104	1103	1102	1101	1100	1099	1098	1097	1096	1095	1094	1093	1092	1091	1090	1089	1088	1087	1086	1085	1084	1083	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037	1036	1035	1034	1033	1032	1031	1030	1029	1028	1027	1026	1025	1024	1023	1022	1021	1020	1019	1018	1017	1016	1015	1014	1013	1012	1011	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001	1000	999	998	997	996	995	994	993	992	991	990	989	988	987	986	985	984	983	982	981	980	979	978	977	976	975	974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902	901	900	899	898	897	896	895	894	893	892	891	890	889	888	887	886	885	884	883	882	881	880	879	878	877	876	875	874	873	872	871	870	869	868	867	866	865	864	863	862	861	860	859	858	857	856	855	854	853	852	851	850	849	848	847	846	845	844	843	842	841	840	839	838	837	836	835	834	833	832	831	830	829	828	827	826	825	824	823	822	821	820	819	818	817	816	815	814	813	812	811	810	809	808	807	806	805	804	803	802	801	800	799	798	797	796	795	794	793	792	791	790	789	788	787	786	785	784	783	782	781	780	779	778	777	776	775	774	773	772	771	770	769	768	767	766
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Title	Journal	Vol.	Page or Article No.	Author(s)	Original Article	Review Article	Editorial	Letter	Short Communication	Book Review	Web of Science Research Paper No. (WJRT)	Web of Science DOI URL	WoS Keyword	WoS Technology Criteria 250	Number of Citations (as of 2019/1/30)	Date Recorded On This List			
De Novo Sequencing of Tryptic Phosphopeptides Using Matrix-Assisted Laser Desorption/Ionization Based Tandem Mass Spectrometry with Hydrogen Atom Attachment	ANALYTICAL CHEMISTRY	90	2701	Aikawa, Daiki   Nat Inst Adv Ind Sci & Technol, Nat Inst Met Int Japan, Tsukuba Cent 2-1-1 Umezono, Tsukuba, Ibaraki 3058568, Japan   Takahashi, Hiromitsu, Shimizu, Takana, Kojiro   Shimada Co Ltd, Kofu Takasago Mass Spectrometry Res Lab, Nakagyo Ku, 1 Nishinogyu Kawabashi, Kofu 4048511, Japan	0	0	0	0	0	0	1	10.1021/acs.analchem.7c04655	https://doi.org/10.1021/acs.analchem.7c04655	RESOURCE RICH; ELECTRON-TRANSFER DISSOCIATION; RADICAL-DIRECTED DISSOCIATION; TOP-DOWN PROTEOMICS; ALPHA-BIND-CLEAVAGE; CAPTURE DISSOCIATION; PHOSPHORYLATED PEPTIDES; FLUORESCENT RESIDUES; IDENTIFICATION	Chemistry, Analytical	3	201806		
N-15 detection harnesses the slow relaxation property of nitrogen: Delivering enhanced resolution for intrinsically disordered proteins	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	115	12120	Chhabra, Sandeep Fischer, Patrick; Dubay, Abhinav; Zarek, Joshua J.; Broezezemmer, Andreas; Wagner, Gerhard; Arthanar, Hariharab; Harvard Med Sch, Dept Biol Chem & Mol Pharmacol, Boston, MA 02115 USA; Chhabra, Sandeep; Dubay, Abhinav; Broezezemmer, Andreas; Arthanar, Hariharab; Dana Farber Canc Inst, Dept Canc Biol, Boston, MA 02115 USA; Takahashi, Koji   Nat Inst Adv Ind Sci & Technol, Mol Profiling Res Ctr Drug Discovery, Tokyo 1309001, Japan; Dinku, Joshua J   Indiana Univ, Mol & Cellular Biochem Dept, Bloomington, IN 47405 USA; Mahesh, Dhanraj; Molligand, Sulek; Sibi; Gopinath; Madhan; Ramesh; Suman; NMR Appl Lab, D-76287 Rheinfelden, Germany; Dweyk, Norman E   Univ Coll Dublin, Conway Inst Biomed & Biomed Sci, Dublin 4, Ireland	0	1	0	0	0	0	0	0	1	10.1073/pnas.1711901115	https://doi.org/10.1073/pnas.1711901115	SEQUENCE-SPECIFIC ASSIGNMENT; HYDROGEN-NITROGEN EXCHANGE; NMR EXPERIMENTS; CHEMICAL-SHIFTS; PHOSPHORYLATION; BINDING; SPECTROSCOPY; SPECIFICITY; SENSITIVITY; DOMAIN	Multidisciplinary Sciences	3	201806
Subnanogram filling during water vapor adsorption on microscopic silica film films as seen by low-energy positron annihilation	APPLIED PHYSICS LETTERS	112	8701	Ito, Kazuki; Yoshimoto, Shigehiro; O'Rourke, Brian T.; Dahms, Naoyuki; Kamigaito, Kazuhiko   Nat Inst Adv Ind Sci & Technol, NMIJ, Tsukuba, Ibaraki 3058565, Japan; Yoshimoto, Shigehiro; Sogayama Res Ctr Ltd, Onna, Saitama 3098651, Japan; Yoshimoto, Shigehiro; Hasehima Univ, Higashihiroshima, Hiroshima 738527, Japan	0	0	0	0	0	0	1	10.1063/1.5021105	https://doi.org/10.1063/1.5021105	LIFETIME; NITROGEN SURFACES; BEHAVIOR; VOLUME	Physics, Applied	1	201806		
An optimized Firefly luciferase analogue with luciferase specific response in living cells	CHEMICAL COMMUNICATIONS	14	1774	Ikeda, Yuma; Okita, Daniel; Suzuki, Kazu   Keio Univ, Dept Appl Chem, Fac Sci & Technol, Kohoku Ku, Higashi 3-14-1, Yokohama, Kanagawa 2288522, Japan; Saitoh, Tetsuya   Univ Tsukuba, Inst Inst Integrat Strep Med, Tennodai 1-1-1, Tsukuba, Ibaraki 3058577, Japan; Niwa, Kazuki   Nat Inst Adv Ind Sci & Technol, Tsukuba, Ibaraki, Japan; Inayama, Takahiro   Univ Tokyo, Grad Sch Sci & Technol, Magura Ka, 3-8-2 Komaba, Tokyo 1538902, Japan; Ikeda, Yuma; Maki, Shinya A   Univ Electrochem, Dept Eng Sci, Grad Sch Inform & Eng, Chofu, Tokyo 1828585, Japan; Nishiyama, Shigeki   Keio Univ, Fac Sci & Technol, Dept Chem, Kohoku Ku, Higashi 3-14-1, Yokohama, Kanagawa 2288522, Japan	0	0	0	0	0	0	0	1	10.1039/c7cc07094a	https://doi.org/10.1039/c7cc07094a	BIOOLUMINESCENCE SPECTRA; LIGHT; IDENTIFICATION; MUTANTS; CLONING; GREEN; RED	Chemistry, Multidisciplinary	0	201806	
Wall-Ordered 4CzIPN (4,4'-bis(2,2,5,5-tetra-9H-carbazol-9-yl)phthalonitrile) Layers: Molecular Orientation, Electronic Structure, and Angular Distribution of Photoluminescence	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	9	863	Hasegawa, Y. Yamae, Y. Sawaki, M.   Univ Tsukuba, Inst Pure & Appl Sci, 1-1-1 Tennodai, Tsukuba, Ibaraki 3058573, Japan; Hosokawa, T.   Nat Inst Adv Ind Sci & Technol, 1-1-1 Umezono, Tsukuba, Ibaraki 3058568, Japan; Yamamoto, H.; Adachi, K.; Kyurkuu Univ, Cr-Dipole Photon & Elect Res OPCA, Nishi Ku, 184 Kanawa, Fukuoka 816095, Japan	0	0	0	0	0	0	0	1	10.1021/acs.jpclett.7c01737	https://doi.org/10.1021/acs.jpclett.7c01737	LIGHT-EMITTING DIODES; ACTIVATED DELAYED FLUORESCENCE	Chemistry, Physical; Nanoscience & Nanotechnology; Materials Science; Multidisciplinary Physics, Atomic, Molecular & Chemical	5	201806	
Superconductivity in a New 1144-Type Family of LaNiMF <sub>4</sub> (M=Al, Ga, In - Rb or Cs)	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	9	868	Kawashima, Kenji   NRA Mid RD Ctr Ltd, 2-1-1 Aomi Machi, Kojima, Aichi 4480022, Japan; Kawashima, Kenji; Ishida, Shigeyuki; Fujihira, Hiroaki; Gotoh, Yukihiko; Kurohara, Takahisa; Yoshizaki, Hiroaki; Ogino, Hisaku; Hasegawa, Yuu; Akita   Nat Inst Adv Ind Sci & Technol, 1-1-1 Umezono, Tsukuba, Ibaraki 3058568, Japan	0	0	0	0	1	0	1	10.1021/acs.jpclett.8b01167	https://doi.org/10.1021/acs.jpclett.8b01167	FILMS	Chemistry, Physical; Nanoscience & Nanotechnology; Materials Science; Multidisciplinary Physics, Atomic, Molecular & Chemical	6	201806		
High-Performance Thermoelectric Bulk Covalents by Process Controlled Structural Ordering	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	140	2186	Bourges, Cedric; Leliedor, Oleg L.; Harjo, Vincent; Denis, Ramon; Guilmard, Emmanuel   ENSICAEN, CNRS, Lab CRISMAT, UMR 6506, 6 Blvd Marechal Juin, F-14050 Caen 04, France; Bourges, Vincent; Ohta, Masahiko   Nat Inst Adv Ind Sci & Technol, Res Int Energy Converter, Tsukuba, Ibaraki 3058568, Japan; Lumin, Pratik   Univ Rennes, CNRS, ISCR, UMR 6226, F-35000 Rennes, France; Saikawa, Koichiro; Kuroki, Hiroshi; Interdisciplinary Grad Sch Eng Sci, Dept Appl Sci Elect & Mat, Fukuoka 8168589, Japan; Nassif, Wissal   Univ Grenoble Alpes, F-38000 Grenoble, France; Hwang, Vincent   CNRS, Inst NEEL, F-38042 Grenoble, France; Miyazaki, Kazuo   Tohoku Univ, Grad Sch Eng, Dept Appl Phys, Sendai, Miyagi 9808578, Japan; Sasaki, Andrew R.; Al-Dalal, Raith Al-Rawal; Fornari, Marco   Cent Michigan Univ, Dept Phys, Mt Pleasant, MI 48859 USA; Sasaki, Andrew R.; Al-Dalal, Raith Al-Rawal; Fornari, Marco   Cent Michigan Univ, Dept Phys, Mt Pleasant, MI 48859 USA; Al-Dalal, Raith Al-Rawal; Fornari, Marco   Cent Michigan Univ, Dept Phys, Mt Pleasant, MI 48859 USA; Axelone Collaborative Platform   Renault-Mat, Solvay Design & Dev France   Mat Dept, 87 Rue Francis Perron 93825, F-93819 St Denis, France	1	0	0	0	0	0	0	0	1	10.1021/ja.7b12134	https://doi.org/10.1021/ja.7b12134	LOW THERMAL CONDUCTIVITY; COPPER-TETRATHIOPHOSPHATE; THERMOELECTRICITY; GENERATION; COMPOUND; SULFIDE; TERNARY; POWER	Chemistry, Multidisciplinary	2	201806
Spinor dynamics in a mixture of spin-1 and spin-2 Bose-Einstein condensates	PHYSICAL REVIEW A	97	21602	Eto, Yajiro   NMIJ, Nat Inst Adv Ind Sci & Technol, NMIJ, Tsukuba, Ibaraki 3058568, Japan; Shibauya, Hirotoshi; Hirotsu, Takaya   Fujitsu, Ibaraki, Japan; Tohya, Toshiro Ku, Tokyo 1378588, Japan; Shibauya, Hirotoshi   Univ Electrochem, Dept Eng Sci, Grad Sch Inform & Eng, Chofu, Tokyo 1828585, Japan	0	0	0	0	0	0	0	1	10.1103/PhysRevA.97.023602	https://doi.org/10.1103/PhysRevA.97.023602	SKYRMIONS	Optics, Physical, Atomic, Molecular & Chemical	2	201806	
Ground-state phase of a mixture of spin-1 and spin-2 Bose-Einstein condensates	PHYSICAL REVIEW A	97	23622	Ishizu, Naoki; Saito, Hiroki   Univ Electrochem, Dept Eng Sci, Tokyo 1828585, Japan; Eto, Yajiro   NMIJ, Nat Inst Adv Ind Sci & Technol, NMIJ, Tsukuba, Ibaraki 3058568, Japan; Hirotsu, Takaya   Fujitsu, Ibaraki, Japan; Tohya, Toshiro   Univ Electrochem, Dept Eng Sci, Grad Sch Inform & Eng, Chofu, Tokyo 1828585, Japan	0	0	0	0	0	0	1	10.1103/PhysRevA.97.023622	https://doi.org/10.1103/PhysRevA.97.023622	MATTER	Optics, Physical, Atomic, Molecular & Chemical	1	201806		
Reconstitution of a Type II Polyketide Synthase that Catalyzes Polyene Formation	ANGEWANDETE CHEMIE INTERNATIONAL EDITION	57	1964	Du, Damien; Katsuyama, Yohshi; Ohishi, Yashu   Univ Tokyo, Grad Sch Sci & Tech, Dept Biochem, Bunkyo Ku, 1-1-1 Yayoi, Tokyo 1138657, Japan; Shioya, Kazuo   Nat Inst Adv Ind Sci & Technol, Koto Ku, 2-4-7 Arii, Tokyo 1305044, Japan	0	1	0	0	0	0	0	1	10.1002/anie.201709636	https://doi.org/10.1002/anie.201709636	BIOSYNTHETIC GENE-CLUSTER; CARRIER PROTEIN; RETROSYNTHETIC; NATURE	Chemistry, Multidisciplinary	1	201806	
Efficient and selective hydrogenation of C-O bonds with a simple sodium formate catalyzed by nickel	CHEMICAL COMMUNICATIONS	54	1521	Xu, Wenjiang; Chen, Tingzuo; Zhang, J.-Shi   Human Univ, State Key Lab Chemo-Bioscience & Chemo-Mat Coll Chem & Chem Eng, Tsinghua 100087, Hefei, Peoples R China; Zhou, Tao   Human Univ, Coll Mat & Chem Eng, Key Lab Model Educ Adv Mat, Tsinghua Univ, Beijing 100084, China; Han, Li-Biao   Nat Inst Adv Ind Sci & Technol, Tsukuba, Ibaraki 3058565, Japan	0	0	0	1	0	0	0	1	10.1039/c7cc08709a	https://doi.org/10.1039/c7cc08709a	CROSS-COUPLING REACTIONS; ARYL GRIGNARD-REAGENTS; CARBON-OXYGEN BONDS; REDUCTIVE CLEAVAGE; CLEAVING ALKYLATION; PHENOLS; DERIVATIVES; METHYL ETHERS; OME CLEAVAGE; ENOL ETHERS; CYANO BONDS	Chemistry, Multidisciplinary	1	201806	
Quasistatic Internal Magnetic Field Detected in the paraelectric phase of Bi <sub>2</sub> WO <sub>6</sub> /CaCO <sub>3</sub> composites by muon spin relaxation	PHYSICAL REVIEW B	97	06052	Pai, A.; Damjanovic, S. R.; Akintola, K.; Fang, A. C. Y.; Ebrahimi, A.; Simon-Fossier, Univ, Dept Phys, Burnaby, BC V5A 1S6, Canada; Ishikawa, M.   Compuchem Res Org Sci & Soc, Neuro Sci & Technol, Naka, Ibaraki 3101106, Japan; Elnahi, H.   Nat Inst Adv Ind Sci & Technol, Tsukuba, Ibaraki 3058568, Japan; Somiya, J. E.   CFAR, Toronto, ON M5G 1R8, Canada	0	0	0	0	0	0	0	1	10.1103/PhysRevB.97.060502	https://doi.org/10.1103/PhysRevB.97.060502	BI2SR2CAU2O8-DELTA ORDER	Physics, Condensed Matter	4	201806	
Synergistic effects of stabilized fibrous mesoporous silica and synthetic siRNA analogues for cancer immunotherapy	CHEMICAL COMMUNICATIONS	14	1057	Wang, Xupeng L.; Xie, Ni; Abbas-Sagoo, Yaj   Nat Inst Adv Ind Sci & Technol, With Res Inst, Dept Life Sci & Biotechnol, Cent 6-1-1-1 Higashi, Tsukuba, Ibaraki 3058566, Japan; Watanabe, Yohji; Tsuji, Noriko M.   Nat Inst Adv Ind Sci & Technol, Bonnet Res Inst, Dept Life Sci & Biotechnol, Cent 6-1-1-1 Higashi, Tsukuba, Ibaraki 3058566, Japan; Hashimoto, Kazuo; Yamashita, Atsushi   Waseda Univ, Dept Resources & Environm Eng, Okanaka Ka, Tokyo 1698505, Japan; Otsu, Takashi; Nguyen Van, Linh; Liu, Ding; Tsuji, Noriko; Kato, Fujimi, Tokyo 1020071, Japan	0	1	0	0	0	0	0	0	1	10.1039/c7cc08222c	https://doi.org/10.1039/c7cc08222c	POLY- $\alpha$ -DOUBLE-STRANDED-RNA-TOLL-LIKE RECEPTOR-3; TUNABLE PORE STRUCTURE; NANODIELECTRIC CELLS; PROBE BEYOND ANTITUMOR IMMUNITY; ANTICANCER EFFICACY; EFFECTIVE ADJUVANT; DIABETES-MELLITUS	Chemistry, Multidisciplinary	1	201806
A New, General Strategy for Fabricating Highly Concentrated and Heterogeneous Suspensions Based on a Structural Approach To Molecular Interparticle Interaction	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	140	1098	Sakurai, Shunsuke; Kobayashi, Kazumichi; Fukuhara, Don N.; Hata, Kenji   Nat Inst Adv Ind Sci & Technol, CNT Appl Res Ctr, 1-1-1 Higashi, Tsukuba, Ibaraki 3058565, Japan; Kamada, Fumihiko   Nat Inst Adv Ind Sci & Technol, Flexible Elect Res Ctr, 1-1-1 Higashi, Tsukuba, Ibaraki 3058565, Japan; Sakurai, Shunsuke; Kamada, Fumihiko; Kobayashi, Kazumichi; Fukuhara, Don N.; Hata, Kenji   Nat Inst Adv Ind Sci & Technol, Res Assoc Single Wall Carbon Nanotubes TA, 1-1-1 Higashi, Tsukuba, Ibaraki 3058565, Japan	0	0	0	1	0	0	0	0	1	10.1021/ja.7b11305	https://doi.org/10.1021/ja.7b11305	HALL-ED CARBON NANOTUBES; SUPERCAPACITOR ELECTRODES; RHEOLOGICAL PROPERTIES; SHEAR THICKENING; GELATION; PHENOLS; DISPERSION; SOLVENTS; SOLUBILIZATION; COMPOSITES; MEMBRANES	Chemistry, Multidisciplinary	1	201806
Mixed pyrazole labelling enables backbone resonance assignment of large proteins using a single experiment	NATURE COMMUNICATIONS	9	356	Röhsen, Scott A.; Broezezemmer, Andreas; Coche, Paul W.; Dubay, Abhinav; Herberts, Sverre; Wagner, Gerhard; Arthanar, Hariharab; Harvard Med Sch, Dept Biochem & Mol Pharmacol, Boston, MA 02115 USA; Takahashi, Koji   Nat Inst Adv Ind Sci & Technol, Mol Profiling Res Ctr Drug Discovery, Koto Ku, 2-3-26 Arii, Tokyo 1309004, Japan; Broezezemmer, Andreas; Dubay, Abhinav; Arthanar, Hariharab; Dana Farber Canc Inst, 450 Brookline Ave, Boston, MA 02215 USA	0	1	0	0	0	0	0	0	1	10.1038/s41467-017-02747-8	https://doi.org/10.1038/s41467-017-02747-8	CHEMICAL-SHIFT ASSIGNMENTS; NMR-SPECTROSCOPY; CALPAIN-C13; TROSY; SENSITIVITY; RESOLUTION; RECONSTRUCTION; CONFORMATION; REDUCTIVES	Multidisciplinary Sciences	2	201806
Potassium-doped n-type bilayer graphene	APPLIED PHYSICS LETTERS	112	3105	Tanaka, Takahashi; Ohgaki, Yuki; Hosogane, Naoyuki   Nat Inst Adv Ind Sci & Technol, 1-1-1 Higashi, Tsukuba, Ibaraki 3058565, Japan	0	0	0	1	0	0	0	1	10.1063/1.5012908	https://doi.org/10.1063/1.5012908	CHEMICAL-VAPOR DEPOSITION; CARBON NANOTUBE BUNDLES; ELECTRICAL PROPERTIES; RAMAN-SCATTERING; PLASMA TREATMENT; FILM; INTERCALATION; PHOTOEMISSION; TRANSISTORS; GRAPHENE	Physics, Applied	1	201806	
Direct observation of in-plane anisotropy of the superconducting critical current density in BiFe <sub>1-x</sub> Co <sub>x</sub> O <sub>2-z</sub> crystals	PHYSICAL REVIEW B	97	04511	Hecher, J.; Kagerbauer, D.; Eisenbar, M.   TU Wien, Atominst, Stadionaln 2, A-1020 Vienna, Austria; Ishida, S.; Seng, D.; Ogino, Hi   Jpn, Keio Univ, Nat Inst Adv Ind Sci & Technol, Elect & Photon Res Inst, Tsukuba, Ibaraki 3058568, Japan; Hasegawa, Hiroyuki   Jpn, Keio Univ, Dept Phys, Toyooka, Osaka 5900843, Japan	0	0	0	0	1	0	0	1	10.1103/PhysRevB.97.045111	https://doi.org/10.1103/PhysRevB.97.045111	IRON-CAFEI-XCO <sub>2</sub> O <sub>2</sub> ; TEMPERATURE; STATE	Physics, Condensed Matter	1	201806	
Single photon sources in 4H-SiC metal-oxide-semiconductor field-effect transistors	APPLIED PHYSICS LETTERS	112	31105	Abe, Y.; Uchida, T.   Univ Tsukuba, Inst Appl Phys, Tsukuba, Ibaraki 3058573, Japan; Yamamoto, M.; Nishigaki, S.; Nat Inst Adv Ind Sci & Technol, Ibaraki 3058568, Japan; Hayashi, M.; Kudo, W.; Hanamura, O.   Gunma Univ, Sch Sci & Technol, Kyozu, Gunma 3700552, Japan; Uchida, T.; Nat Inst Quantum & Radiat Sci, Tsukuba QST, Tsukuba, Gunma 3701292, Japan	0	0	0	0	0	0	0	1	10.1063/1.5016421	https://doi.org/10.1063/1.5016421	SILICON-CARBIDE; ROOM-TEMPERATURE; INTENSITY; CENTERS; SPINS	Physics, Applied	5	201806	
Strong polarization switching with low-energy loss in hydrogen-bonded organic ferroelectrics	CHEMICAL SCIENCE	9	425	Hirotsuki, S.   Nat Inst Adv Ind Sci & Technol, Flexible Elect Res Ctr, Flex, Tsukuba, Ibaraki 3058565, Japan; Kami, R.   High Energy Accelerator Res Org KEK, Inst Mat Struct Sci, Compended Mater Res Ctr CMRC & Photon Factory, Tsukuba, Ibaraki 3058801, Japan; Hatakeyama, S.   Nat Inst Adv Ind Sci & Technol, Res Ctr Computat Design Adv Funct Mat CFAM, Tsukuba, Ibaraki 3058568, Japan	0	0	0	1	1	0	0	0	1	10.1039/c7cc05899c	https://doi.org/10.1039/c7cc05899c	SQUARIC ACID H2O4O4; DIELECTRIC PROPERTIES; NEUTRON DIFFRACTION; PHASE TRANSITION; TEMPERATURE; FERROELECTRICITY; PRESSURE; CRYSTAL; 3,4-DIHYDROXY-3-CYCLOBUTENE-1,3-DIOL; DEPENDENCE	Chemistry, Multidisciplinary	4	201806
Multiple Disc cores and topological magnetism in homeoprop- monolayer transition metal dichalcogenides	PHYSICAL REVIEW B	97	04101	Sugita, Yusuke; Motome, Naoki   Univ Tokyo, Dept Appl Phys, Bunkyo Ku, Tokyo 1138656, Japan; Miyake, Takashi   Nat Inst Adv Ind Sci & Technol, CD FMat, Tsukuba, Ibaraki 3058568, Japan	0	0	0	1	0	0	0	1	10.1103/PhysRevB.97.041011	https://doi.org/10.1103/PhysRevB.97.041011	DIEN-VAALS CRYSTALS; GRAPHENE; DIHALOGENIDES; PHASE	Physics, Condensed Matter	3	201806	

















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No.	Author(s)	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612	1611	1610	1609	1608	1607	1606	1605	1604	1603	1602	1601	1600	1599	1598	1597	1596	1595	1594	1593	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579	1578	1577	1576	1575	1574	1573	1572	1571	1570	1569	1568	1567	1566	1565	1564	1563	1562	1561	1560	1559	1558	1557	1556	1555	1554	1553	1552	1551	1550	1549	1548	1547	1546	1545	1544	1543	1542	1541	1540	1539	1538	1537	1536	1535	1534	1533	1532	1531	1530	1529	1528	1527	1526	1525	1524	1523	1522	1521	1520	1519	1518	1517	1516	1515	1514	1513	1512	1511	1510	1509	1508	1507	1506	1505	1504	1503	1502	1501	1500	1499	1498	1497	1496	1495	1494	1493	1492	1491	1490	1489	1488	1487	1486	1485	1484	1483	1482	1481	1480	1479	1478	1477	1476	1475	1474	1473	1472	1471	1470	1469	1468	1467	1466	1465	1464	1463	1462	1461	1460	1459	1458	1457	1456	1455	1454	1453	1452	1451	1450	1449	1448	1447	1446	1445	1444	1443	1442	1441	1440	1439	1438	1437	1436	1435	1434	1433	1432	1431	1430	1429	1428	1427	1426	1425	1424	1423	1422	1421	1420	1419	1418	1417	1416	1415	1414	1413	1412	1411	1410	1409	1408	1407	1406	1405	1404	1403	1402	1401	1400	1399	1398	1397	1396	1395	1394	1393	1392	1391	1390	1389	1388	1387	1386	1385	1384	1383	1382	1381	1380	1379	1378	1377	1376	1375	1374	1373	1372	1371	1370	1369	1368	1367	1366	1365	1364	1363	1362	1361	1360	1359	1358	1357	1356	1355	1354	1353	1352	1351	1350	1349	1348	1347	1346	1345	1344	1343	1342	1341	1340	1339	1338	1337	1336	1335	1334	1333	1332	1331	1330	1329	1328	1327	1326	1325	1324	1323	1322	1321	1320	1319	1318	1317	1316	1315	1314	1313	1312	1311	1310	1309	1308	1307	1306	1305	1304	1303	1302	1301	1300	1299	1298	1297	1296	1295	1294	1293	1292	1291	1290	1289	1288	1287	1286	1285	1284	1283	1282	1281	1280	1279	1278	1277	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265	1264	1263	1262	1261	1260	1259	1258	1257	1256	1255	1254	1253	1252	1251	1250	1249	1248	1247	1246	1245	1244	1243	1242	1241	1240	1239	1238	1237	1236	1235	1234	1233	1232	1231	1230	1229	1228	1227	1226	1225	1224	1223	1222	1221	1220	1219	1218	1217	1216	1215	1214	1213	1212	1211	1210	1209	1208	1207	1206	1205	1204	1203	1202	1201	1200	1199	1198	1197	1196	1195	1194	1193	1192	1191	1190	1189	1188	1187	1186	1185	1184	1183	1182	1181	1180	1179	1178	1177	1176	1175	1174	1173	1172	1171	1170	1169	1168	1167	1166	1165	1164	1163	1162	1161	1160	1159	1158	1157	1156	1155	1154	1153	1152	1151	1150	1149	1148	1147	1146	1145	1144	1143	1142	1141	1140	1139	1138	1137	1136	1135	1134	1133	1132	1131	1130	1129	1128	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108	1107	1106	1105	1104	1103	1102	1101	1100	1099	1098	1097	1096	1095	1094	1093	1092	1091	1090	1089	1088	1087	1086	1085	1084	1083	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037	1036	1035	1034	1033	1032	1031	1030	1029	1028	1027	1026	1025	1024	1023	1022	1021	1020	1019	1018	1017	1016	1015	1014	1013	1012	1011	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001	1000	999	998	997	996	995	994	993	992	991	990	989	988	987	986	985	984	983	982	981	980	979	978	977	976	975	974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902	901	900	899	898	897	896	895	894	893	892	891	890	889	888	887	886	885	884	883	882	881	880	879	878	877	876	875	874	873	872	871	870	869	868	867	866	865	864	863	862	861	860	859	858	857	856	855	854	853	852	851	850	849	848	847	846	845	844	843	842	841	840	839	838	837	836	835	834	833	832	831	830	829	828	827	826	825	824	823	822	821	820	819	818	817	816	815	814	813	812	811	810	809	808	807	806	805	804	803	802	801	800	799	798	797	796	795	794	793	792	791	790	789	788	787	786	785	784	783	782	781	780	779	778	777	776	775	774	773	772	771	770	769	768	767	766
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Title	Journal	Vol.	Page or Article No.	Author(s)	Web of Science Research Paper No. (UT)	DOI	DOI URL	WoS Keyword	WoS Technology Criteria 250	Number of Citations (as of 2019/03/20)	Date Recorded On This List
On-Chip Evaluation of DNA Methylation with Electrochemical Combined Bisulfite Restriction Analysis Utilizing a Carbon Film Containing a Nanocrystalline Structure	ANALYTICAL CHEMISTRY	89	5977	Kurita, Ryoji   Natl Inst Adv Ind Sci & Technol, Biomed Res Inst, Tsukuba Cent 6-1-1 Higashi, Tsukuba, Ibaraki 3058566, Japan; DAELAB, Tsukuba Cent 6-1-1 Higashi, Tsukuba, Ibaraki 3058566, Japan; [Nara, Osamu] Saitama Inst Technol, Adv Sci Res Lab, Fukaya, Saitama 3090293, Japan	10.1021/acs.analchem.7b06533	10.1021/acs.analchem.7b06533	https://pubs.acs.org/doi/10.1021/acs.analchem.7b06533	VOLTAERIC DETERMINATION; CYTOSINE METHYLATION; ABERRANT METHYLATION MODIFIED ELECTRODE; GENE EXPRESSION; GRAPHENE; 5-METHYLCYTOSINE; RESOLUTION; SENSOR; ASSAY	Chemistry, Analytical	1	201707
Loss of Parkinson's disease-associated protein CHCHD3 affects mitochondrial cristae structure and destabilizes cytochrome c	NATURE COMMUNICATIONS	8	15500	Meng, Hongqi; Funayama, Manabu; Mattori, Nobutaka   Juntendo Univ, Res Inst Dis Old Age, Grad Sch Med, Tokyo 1138421, Japan; Yamashita, Chihiro; Saito, Shigeki; Imai, Yuzuru; Mattori, Nobutaka   Juntendo Univ, Dept Neurol, Grad Sch Med, Tokyo 1138421, Japan; Shiba-Fukushima, Akiko; Inagaki, Tsuyoshi; Mattori, Nobutaka   Juntendo Univ, Grad Sch Med, Dept Treatment & Res Multiple Sclerosis & Neuromus, Tokyo 1138421, Japan; [Hata, Tomohiko; Natsume, Takao] Natl Inst Adv Ind Sci & Technol, Mid Frontier Res Ctr Drug Discovery, Tokyo 1305586, Japan; [Shimizu, Masataka; Takagi, Junichi] Osaka Univ, Inst Prod Res, Lab Prost Synth & Enzymes, Osaka 5650871, Japan; [Imai, Yuzuru; Mattori, Nobutaka] Juntendo Univ, Grad Sch Med, Dept Res Parkinsons Dis, Tokyo 1138421, Japan	10.1038/ncomms15500	10.1038/ncomms15500	https://pubs.nature.com/doi/10.1038/ncomms15500	DOPAMINERGIC NEURON LOSS; DRUGSOPHIA; STRESS; INACTIVATION; AC-BP-DL; PHOSPHORYLATION; MAINTENANCE; ACTIVATION; REGULATOR	Multidisciplinary Sciences	10	201707
Crystal structures of UE-sRNA-specific terminal uridylyltransferase	NATURE COMMUNICATIONS	8	15788	Yamashita, Seiichi; Nagakita, Takashi; Tomita, Kazuo   Univ Tokyo, Grad Sch Frontier Sci, Dept Comput Biol & Med Sci, Kasikawa, Chiba 2778562, Japan; [Tawagi, Yoko] Natl Inst Adv Ind Sci & Technol, Biomed Res Inst, 1-1-1 Higashi, Tsukuba, Ibaraki 3058566, Japan	10.1038/ncomms15788	10.1038/ncomms15788	https://pubs.nature.com/doi/10.1038/ncomms15788	SMALL NUCLEAR-RNA; PRE-MESSENGER-RNA; POLY(U) POLYMERASE; URIDYLIC TRANSFERASE; PROTEIN INTERACTIONS; RECYCLING FACTOR; ADDING ENZYME; POWKIDERMAL; NEUTROPENIA; 3'-END	Multidisciplinary Sciences	6	201707
LiNbO3:P3+-A Multilayer Material with Simultaneous Piezoelectricity and Semiconductivity	ADVANCED MATERIALS	29	1605914	Tu, Dong; Xu, Chao-Nan; Yoshida, Akihiko; Fujihira, Masayoshi; Hirotsu, Joo   Natl Inst Adv Ind Sci & Technol, Sapa 8410502, Japan; Xu, Chao-Nan; Hirotsu, Joo   Kyushu Univ, Interdisciplinary Grad Sch Engn Sci, Fukuoka 8168580, Japan; [Xu, Chao-Nan] Natl Inst Carbon Energy Res WPI/ICER, Fukuoka 8100395, Japan; [Dong, Xu-Chang] Sapa Univ, Grad Sch Sci & Engn, Dept Phys, Sapa 8405502, Japan	10.1002/adma.201609914	10.1002/adma.201609914	https://pubs.wiley.com/doi/10.1002/adma.201609914	LITHIUM NIOBATE; MECHANOLUMINESCENCE; STRESS; SPECTROSCOPY; COMPOSITE; EMISSION; IONS	Chemistry, Multidisciplinary; Chemistry, Physical; Nanoscience & Nanotechnology; Materials Science; Multidisciplinary; Physics, Applied; Physics, Condensed Matter	24	201707
Ordered anisotropic-type polar magnets RFeWO6 (R = Dy, Eu, Tb, and Y): A new family of type-II multiferroics	PHYSICAL REVIEW B	95	224416	[Shira, Somnath; Sundaresan, A.] Jawaharlal Nehru Cent Adv Sci Res, Chem & Phys Mat Unit, Ind-CR Mat Sci, IISER PO, Bangalore 560064, Karnataka, India; [Suard, Emmanuel; Rodriguez-Carvajal, Juan] Inst Laue Langevin, 71 Ave Martyrs, CS 20156, F-38042 Grenoble 9, France; [Fauth, Francois] CELLS ALBA Synchrotron, BP1413, Binascola 09200, Spain; [Thou Tran, T.] Hanyang Univ, P. Shinjoh Hyonjeon, Dept Chem, 122 Fleming Rimg, Hyeonin, TG 77004 USA; [Ito, Aya] Natl Inst Adv Ind Sci & Technol, Natl Tsukuba, Ibaraki 3058568, Japan	10.1103/PhysRevB.95.224416	10.1103/PhysRevB.95.224416	https://pubs.aip.org/doi/10.1103/PhysRevB.95.224416	FERROELECTRIC POLARIZATION; ZND-HARMONIC GENERATION; POWDER DIFFRACTION; ALBA SYNCHROTRON; MAGNETOELECTRICITY; CRYSTALLOGRAPHY; SERIES	Physics, Condensed Matter	7	201707
A Microporous Aluminosilicate with 12-, 10-, and 8-Ring Pores and Isolated 8-Ring Channels	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	139	7899	Nukazawa, Naoto; Yoshida, Yuka; Han, Qian; Inagaki, Satoshi; Kubota, Yoshihiro   Yokohama Natl Univ, Div Mat Sci & Chem Engn, Hodogaya Ku, 73-5 Yokohama, Yokohama, Kanagawa 2408501, Japan; [Sheta, Tareq; Hiyoshi, Norihito] Natl Inst Adv Ind Sci & Technol, Miyazaki Ku, 4-2-1 Nigatake, Sendai, Miyagi 9838551, Japan	10.1021/jacs.6b03308	10.1021/jacs.6b03308	https://pubs.acs.org/doi/10.1021/jacs.6b03308	POWDER DIFFRACTION PATTERNS; CHARGE DENSITY MISMATCH; SEED-ASSISTED SYNTHESIS; MAXIMUM-ENTROPY METHOD; 3-DIMENSIONAL VISUALIZATION; CATALYTIC PROPERTIES; STRUCTURE DIRECTION; CRYSTAL STRUCTURES; ZEOLITE SYNTHESIS; COMPUTER PROGRAM	Chemistry, Multidisciplinary	6	201707
Electrolytic Activation of Iodine Yields by Halogen-Bond-Donor Catalysts for Cross-Coupling	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	56	7653	Saito, Masashi; Kobayashi, Yusuke; Takemoto, Yoshiji   Kyoto Univ, Grad Sch Pharmaceut Sci, Sakyo Ku, Kyoto 6068501, Japan; [Tsuzuki, Saito] Natl Inst Adv Ind Sci & Technol, NRC, RICE, 1-1-1 Higashi, Tsukuba, Ibaraki 3058566, Japan	10.1002/anie.201705641	10.1002/anie.201705641	https://pubs.wiley.com/doi/10.1002/anie.201705641	CARBON QUATERNARY STEREOCENTERS; CHIRAL BRONSTED ACID; PHENYLIODONIUM IONES; DARYLIODONIUM SALTS; ORGANIC SYNTHESIS; ALPHA-ALKYLATION; FACILE ACCESS; ALDOLYSIS; IODINE; ORGANOCATALYSIS	Chemistry, Multidisciplinary	24	201707