

Ian Farnan

List of Publications by Year in descending order

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118
papers

4,766
citations

81839

39
h-index

102432

66
g-index

120
all docs

120
docs citations

120
times ranked

3715
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | ⁷¹ Ga and ⁶⁹ Ga nuclear magnetic resonance study of $\hat{\Gamma}^2$ -Ga ₂ O ₃ : resolution of four- and six-fold coordinated Ga sites in static conditions. <i>Solid State Nuclear Magnetic Resonance</i> , 1995, 4, 241-248. | 1.5 | 306 |
| 2 | Quantification of the disorder in network-modified silicate glasses. <i>Nature</i> , 1992, 358, 31-35. | 13.7 | 255 |
| 3 | The Nature of the Glass Transition in a Silica-Rich Oxide Melt. <i>Science</i> , 1994, 265, 1206-1209. | 6.0 | 177 |
| 4 | Metamictization of zircon: Raman spectroscopic study. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 1915-1925. | 0.7 | 163 |
| 5 | XPS study of ion irradiated and unirradiated CeO ₂ bulk and thin film samples. <i>Applied Surface Science</i> , 2018, 448, 154-162. | 3.1 | 153 |
| 6 | Quantification of actinide $\hat{\Gamma}^2$ -radiation damage in minerals and ceramics. <i>Nature</i> , 2007, 445, 190-193. | 13.7 | 150 |
| 7 | NMR determinations of Si O Si bond angle distributions in silica. <i>Journal of Non-Crystalline Solids</i> , 1988, 106, 408-412. | 1.5 | 141 |
| 8 | High-temperature silicon-29 NMR investigation of solid and molten silicates. <i>Journal of the American Chemical Society</i> , 1990, 112, 32-39. | 6.6 | 138 |
| 9 | The structure and dynamics of alkali silicate liquids: A view from NMR spectroscopy. <i>Chemical Geology</i> , 1992, 96, 371-385. | 1.4 | 123 |
| 10 | A study of the structural role of water in hydrous silica glass using cross-polarisation magic angle spinning NMR. <i>Geochimica Et Cosmochimica Acta</i> , 1987, 51, 2869-2873. | 1.6 | 116 |
| 11 | Pressure-induced bond-angle variation in amorphousSiO ₂ . <i>Physical Review B</i> , 1987, 35, 2560-2562. | 1.1 | 116 |
| 12 | Empirical Correlations between ²⁰⁷ Pb NMR Chemical Shifts and Structure in Solids. <i>Journal of the American Chemical Society</i> , 1997, 119, 6837-6843. | 6.6 | 115 |
| 13 | Experimental constraints on Li isotope fractionation during clay formation. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 250, 219-237. | 1.6 | 113 |
| 14 | The degree and nature of radiation damage in zircon observed by ²⁹ Si nuclear magnetic resonance. <i>Journal of Applied Physics</i> , 2001, 89, 2084-2090. | 1.1 | 112 |
| 15 | Dynamics of the α - β phase transitions in quartz and cristobalite as observed by in-situ high temperature ²⁹ Si and ¹⁷ O NMR. <i>Physics and Chemistry of Minerals</i> , 1992, 19, 307. | 0.3 | 111 |
| 16 | Cation Distribution in Mixed Alkali Disilicate Glasses. <i>Journal of the American Chemical Society</i> , 1996, 118, 3493-3497. | 6.6 | 106 |
| 17 | Silicon site distributions in an alkali silicate glass derived by two-dimensional ²⁹ Si nuclear magnetic resonance. <i>Journal of Non-Crystalline Solids</i> , 1996, 204, 294-300. | 1.5 | 102 |
| 18 | Effects of High Temperature on Silicate Liquid Structure: A Multinuclear NMR Study. <i>Science</i> , 1992, 255, 586-589. | 6.0 | 100 |

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|----|--|-----|-----------|
| 19 | Nuclear Magnetic Resonance Spectroscopy in the Earth Sciences: Structure and Dynamics. <i>Science</i> , 1989, 245, 257-263. | 6.0 | 89 |
| 20 | ²⁹ Si and ¹⁷ O (Q)CPMG-MAS solid-state NMR experiments as an optimum approach for half-integer nuclei having long T1 relaxation times. <i>Chemical Physics Letters</i> , 2002, 357, 403-408. | 1.2 | 85 |
| 21 | Structure and Dynamics of CaAl ₂ O ₄ from Liquid to Glass: A High-Temperature ²⁷ Al NMR Time-Resolved Study. <i>The Journal of Physical Chemistry</i> , 1995, 99, 16455-16459. | 2.9 | 70 |
| 22 | First-principles calculations of solid-state ¹⁷ O and ²⁹ Si NMR spectra of Mg ₂ SiO ₄ polymorphs. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 1587-1598. | 1.3 | 65 |
| 23 | A time resolved ²⁷ Al NMR study of the cooling process of liquid alumina from 2450 Å°C to crystallisation. <i>Solid State Nuclear Magnetic Resonance</i> , 1995, 5, 233-238. | 1.5 | 62 |
| 24 | First-Principles Calculation of ¹⁷ O and ²⁵ Mg NMR Shieldings in MgO at Finite Temperature: Rovibrational Effect in Solids. <i>Journal of Physical Chemistry B</i> , 2005, 109, 7245-7250. | 1.2 | 62 |
| 25 | The effect of radiation damage on local structure in the crystalline fraction of ZrSiO ₄ : Investigating the ²⁹ Si NMR response to pressure in zircon and reidite. <i>American Mineralogist</i> , 2003, 88, 1663-1667. | 0.9 | 61 |
| 26 | Observation of slow atomic motions close to the glass transition using 2-D ²⁹ Si NMR. <i>Journal of Non-Crystalline Solids</i> , 1990, 124, 207-215. | 1.5 | 57 |
| 27 | Silicate species exchange, viscosity, and crystallization in a low-silica melt; in situ high-temperature MAS NMR spectroscopy. <i>American Mineralogist</i> , 1995, 80, 861-864. | 0.9 | 55 |
| 28 | Candidate waste forms for immobilisation of waste chloride salt from pyroprocessing of spent nuclear fuel. <i>Journal of Nuclear Materials</i> , 2012, 420, 396-404. | 1.3 | 54 |
| 29 | An upper bound for the density of states at the yttrium site in YBa ₂ Cu ₃ O _{7-δ} . <i>Journal of Physics C: Solid State Physics</i> , 1988, 21, L847-L852. | 1.5 | 51 |
| 30 | Measurement of molecular motion in solids by nuclear magnetic resonance spectroscopy of half-integer quadrupole nuclei. <i>Journal of Chemical Physics</i> , 2001, 114, 9608-9624. | 1.2 | 49 |
| 31 | Structural Transformations and Anomalous viscosity in the B_2O_3 Melt under High Pressure. <i>Physical Review Letters</i> , 2010, 105, 115703. | 2.9 | 48 |
| 32 | Diffusion and the dynamics of displacive phase transitions in cryolite (Na ₃ AlF ₆) and chiolite (Na ₅ Al ₃ F ₁₄): Multi-nuclear NMR studies. <i>Physics and Chemistry of Minerals</i> , 1994, 21, 373. | 0.3 | 47 |
| 33 | ⁸⁹ Y Magic-Angle Spinning NMR of Y ₂ Ti _{2-x} SnxO ₇ Pyrochlores. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10358-10364. | 1.2 | 47 |
| 34 | XPS Study of Ion Irradiated and Unirradiated UO ₂ Thin Films. <i>Inorganic Chemistry</i> , 2016, 55, 8059-8070. | 1.9 | 46 |
| 35 | Solids and Liquids in the NaF-AlF ₃ -Al ₂ O ₃ System: A High-Temperature NMR Study. <i>Journal of the American Ceramic Society</i> , 1992, 75, 3001-3006. | 1.9 | 45 |
| 36 | The electronic structure and the nature of the chemical bond in CeO ₂ . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 16167-16175. | 1.3 | 45 |

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|----|---|-----|-----------|
| 37 | Structural information about amorphous anodic alumina from ^{27}Al MAS NMR. Philosophical Magazine Letters, 1989, 59, 189-195. | 0.5 | 43 |
| 38 | Structural chemistry of anodic alumina. Thin Solid Films, 1989, 173, 209-215. | 0.8 | 41 |
| 39 | Bonding and dynamical phenomena in MgO: A high temperature ^{17}O and ^{25}Mg NMR study. Physics and Chemistry of Minerals, 1994, 20, 587-593. | 0.3 | 41 |
| 40 | Magic angle spinning NMR observation of sodium site exchange in nepheline at 500°C . Physics and Chemistry of Minerals, 1989, 16, 763-766. | 0.3 | 38 |
| 41 | Alpha-decay damage and recrystallization in zircon: evidence for an intermediate state from infrared spectroscopy. Journal of Physics Condensed Matter, 2000, 12, 5189-5199. | 0.7 | 37 |
| 42 | High-Resolution Solid-State Oxygen- 17 NMR of Actinide-Bearing Compounds: An Insight into the 5f Chemistry. Inorganic Chemistry, 2014, 53, 6928-6933. | 1.9 | 36 |
| 43 | XPS study of the surface chemistry of UO_2 (111) single crystal film. Applied Surface Science, 2018, 433, 582-588. | 3.1 | 35 |
| 44 | Lack of local structural orientation in oxide glasses quenched during flow: NMR results. Journal of Non-Crystalline Solids, 1989, 110, 1-12. | 1.5 | 34 |
| 45 | Aluminum in Rutile [TiO_2]: Characterization by Single-Crystal and Magic-Angle-Spinning Nuclear Magnetic Resonance. Journal of the American Ceramic Society, 1989, 72, 2198-2200. | 1.9 | 31 |
| 46 | Solid-state ^{17}O nuclear magnetic resonance spectroscopy without isotopic enrichment: direct detection of bridging oxygen in radiation damaged zircon. Solid State Nuclear Magnetic Resonance, 2004, 26, 105-112. | 1.5 | 29 |
| 47 | Thermal phase transformations in LaGaO_3 and LaAlO_3 perovskites: An experimental and computational solid-state NMR study. Solid State Nuclear Magnetic Resonance, 2012, 42, 87-97. | 1.5 | 29 |
| 48 | The aperiodic states of zircon: an ab initio molecular dynamics study. American Mineralogist, 2003, 88, 1769-1777. | 0.9 | 28 |
| 49 | A ^{23}Na Magic Angle Spinning Nuclear Magnetic Resonance, XANES, and High-Temperature X-ray Diffraction Study of NaUO_3 , Na_4UO_5 , and $\text{Na}_2\text{U}_2\text{O}_7$. Inorganic Chemistry, 2014, 53, 375-382. | 1.9 | 28 |
| 50 | On the stoichiometry of zirconium carbide. Scientific Reports, 2020, 10, 6347. | 1.6 | 28 |
| 51 | Predicting radioactive waste glass dissolution with machine learning. Journal of Non-Crystalline Solids, 2020, 533, 119852. | 1.5 | 24 |
| 52 | Mobility and Relaxation Determinations of Lithium in Lithium Aluminate Ceramics Using Solid-State NMR Spectroscopy. Chemistry of Materials, 1995, 7, 363-367. | 3.2 | 23 |
| 53 | Micro-Raman and micro-infrared spectroscopic studies of Pb- and Au-irradiated ZrSi_4O_7 : Optical properties, structural damage, and amorphization. Physical Review B, 2008, 77, . | 1.1 | 23 |
| 54 | High-resolution solid-state nuclear magnetic resonance experiments on highly radioactive ceramics. Review of Scientific Instruments, 2004, 75, 5232-5236. | 0.6 | 22 |

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|----|--|------|-----------|
| 55 | Separation of ^{47}Ti and ^{49}Ti solid-state NMR lineshapes by static QCPMG experiments at multiple fields. <i>Journal of Magnetic Resonance</i> , 2006, 178, 228-236. | 1.2 | 22 |
| 56 | ^{29}Si NMR characterisation of the crystalline-amorphous transition in ZrSiO_4 . <i>Phase Transitions</i> , 1999, 69, 47-60. | 0.6 | 21 |
| 57 | Disorder and Dynamics in Pollucite from ^{13}C s and ^{27}Al NMR. <i>Journal of the American Ceramic Society</i> , 2005, 88, 1575-1583. | 1.9 | 20 |
| 58 | Silicon carbide polytype characterisation in coated fuel particles by Raman spectroscopy and ^{29}Si magic angle spinning NMR. <i>Journal of Nuclear Materials</i> , 2013, 433, 199-205. | 1.3 | 20 |
| 59 | A nuclear magnetic resonance spectrometer concept for hermetically sealed magic angle spinning investigations on highly toxic, radiotoxic, or air sensitive materials. <i>Review of Scientific Instruments</i> , 2013, 84, 055112. | 0.6 | 20 |
| 60 | Disordering and the progress of hydration at the surface of diopside: A cross-polarisation MAS-NMR study. <i>Geochimica Et Cosmochimica Acta</i> , 1988, 52, 3017-3021. | 1.6 | 19 |
| 61 | Impacts of composition and beta irradiation on phase separation in multiphase amorphous calcium borosilicates. <i>Journal of Non-Crystalline Solids</i> , 2017, 473, 1-16. | 1.5 | 19 |
| 62 | γ -Irradiation Effects on the Formation and Stability of CaMoO_4 in a Soda Lime Borosilicate Glass Ceramic for Nuclear Waste Storage. <i>Inorganic Chemistry</i> , 2017, 56, 1558-1573. | 1.9 | 18 |
| 63 | The effect of fission-energy Xe ion irradiation on the structural integrity and dissolution of the CeO_2 matrix. <i>Journal of Nuclear Materials</i> , 2017, 484, 332-338. | 1.3 | 18 |
| 64 | The effect of magnesium on the local structure and initial dissolution rate of simplified UK Magnox waste glasses. <i>Journal of Non-Crystalline Solids</i> , 2018, 497, 82-92. | 1.5 | 18 |
| 65 | Oxygen bridges in molten glass. <i>Nature</i> , 1997, 390, 14-15. | 13.7 | 17 |
| 66 | A classroom experiment to demonstrate ferroelectric hysteresis. <i>American Journal of Physics</i> , 2003, 71, 819-822. | 0.3 | 17 |
| 67 | Leaching behaviour of U and Cs disposition in a UMo powellite glass-ceramic. <i>Journal of Nuclear Materials</i> , 2014, 448, 325-329. | 1.3 | 16 |
| 68 | Anisotropic relaxation and motion of half-integer quadrupole nuclei studied by central transition nuclear magnetic resonance spectroscopy. <i>Journal of Magnetic Resonance</i> , 2002, 158, 99-125. | 1.2 | 15 |
| 69 | Order and Disorder in Titanosilicate Glass by ^{17}O MAS, off-MAS, and 3Q-QCPMG-MAS Solid-State NMR. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8014-8019. | 1.2 | 13 |
| 70 | Coupling XRD, EXAFS, and ^{13}C NMR to Study the Effect of the Carbon Stoichiometry on the Local Structure of $\text{UC}_{1-x}\text{C}_x$. <i>Inorganic Chemistry</i> , 2013, 52, 11669-11676. | 1.9 | 12 |
| 71 | Structural effects in UO_2 thin films irradiated with U ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2016, 386, 8-15. | 0.6 | 12 |
| 72 | The effect of ion irradiation on the dissolution of UO_2 and UO_2 -based simulant fuel. <i>Journal of Alloys and Compounds</i> , 2018, 735, 1350-1356. | 2.8 | 12 |

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|----|--|-----|-----------|
| 73 | Structure and dynamics in glassy and molten silicates. <i>Current Opinion in Solid State and Materials Science</i> , 1998, 3, 371-377. | 5.6 | 11 |
| 74 | Structural effects in UO ₂ thin films irradiated with fission-energy Xe ions. <i>Journal of Nuclear Materials</i> , 2016, 482, 210-217. | 1.3 | 11 |
| 75 | An investigation of the long-range and local structure of sub-stoichiometric zirconium carbide sintered at different temperatures. <i>Scientific Reports</i> , 2020, 10, 3096. | 1.6 | 11 |
| 76 | Site Populations and Short Range Order in Aluminosilicates Investigated by ²⁷ Al Solid-State NMR. <i>Journal of Physical Chemistry B</i> , 2004, 108, 9764-9771. | 1.2 | 10 |
| 77 | Calculation of the effect of intrinsic point defects and volume swelling in the nuclear magnetic resonance spectra of ZrSiO ₄ . <i>Molecular Simulation</i> , 2005, 31, 349-354. | 0.9 | 10 |
| 78 | The effect of fission-energy Xe ion irradiation on dissolution of UO ₂ thin films. <i>Journal of Alloys and Compounds</i> , 2017, 721, 586-592. | 2.8 | 10 |
| 79 | Impacts of lithium on Magnox waste glass dissolution. <i>Journal of Non-Crystalline Solids</i> , 2019, 517, 96-105. | 1.5 | 10 |
| 80 | Understanding the relationship between dopant and ionic transport in yttria-doped ceria-zirconia. <i>Journal of Materials Chemistry</i> , 2011, 21, 9570. | 6.7 | 9 |
| 81 | Investigation of the maximum dissolution rates and temperature dependence of a simulated UK nuclear waste glass in circum-neutral media at 40 and 90°C in a dynamic system. <i>Applied Geochemistry</i> , 2017, 82, 177-190. | 1.4 | 9 |
| 82 | Discovery of a maximum damage structure for Xe-irradiated borosilicate glass ceramics containing powellite. <i>Journal of Nuclear Materials</i> , 2018, 510, 229-242. | 1.3 | 9 |
| 83 | Evaluating the temperature dependence of Magnox waste glass dissolution. <i>Journal of Non-Crystalline Solids</i> , 2019, 518, 75-84. | 1.5 | 9 |
| 84 | Surface alteration evidence for a mechanism of anoxic dissolution of UO ₂ . <i>Applied Surface Science</i> , 2019, 464, 376-379. | 3.1 | 9 |
| 85 | Structure of UC ₂ and U ₂ C ₃ : XRD, ¹³ C NMR and EXAFS study. <i>Journal of Alloys and Compounds</i> , 2014, 589, 234-239. | 2.8 | 8 |
| 86 | Assessing static glass leaching predictions from large datasets using machine learning. <i>Journal of Non-Crystalline Solids</i> , 2020, 546, 120276. | 1.5 | 8 |
| 87 | An Atomic-Scale Understanding of UO ₂ Surface Evolution during Anoxic Dissolution. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39781-39786. | 4.0 | 8 |
| 88 | Quantification of Å-particle radiation damage in zircon. <i>American Mineralogist</i> , 2014, 99, 2095-2104. | 0.9 | 7 |
| 89 | Mechanism of powellite crystallite expansion within nano-phase separated amorphous matrices under Au-irradiation. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 15616-15631. | 1.3 | 7 |
| 90 | The effect of caesium on barium hollandites studied by neutron diffraction and magic-angle spinning (MAS) nuclear magnetic resonance. <i>Journal of Materials Science</i> , 2007, 42, 9379-9391. | 1.7 | 6 |

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|-----|--|-----|-----------|
| 91 | Method for making minor dopant additions to porous ceramics. <i>Advances in Applied Ceramics</i> , 2009, 108, 506-508. | 0.6 | 6 |
| 92 | Multi-nuclear NMR study of polytype and defect distribution in neutron irradiated silicon carbide. <i>Journal of Nuclear Materials</i> , 2014, 444, 92-100. | 1.3 | 6 |
| 93 | Relating Magnox and international waste glasses. <i>Journal of Non-Crystalline Solids</i> , 2019, 524, 119647. | 1.5 | 6 |
| 94 | Surface and electrochemical controls on UO ₂ dissolution under anoxic conditions. <i>Journal of Nuclear Materials</i> , 2019, 520, 41-55. | 1.3 | 6 |
| 95 | Pb ⁺ irradiation of synthetic zircon (ZrSiO ₄): Infrared spectroscopic investigation–Reply. <i>American Mineralogist</i> , 2009, 94, 856-858. | 0.9 | 5 |
| 96 | ¹⁷¹ Yb effect of co-doping on the yttrium local environment and ionic conductivity of yttria-stabilised zirconia. <i>Ionics</i> , 2009, 15, 183-190. | 1.2 | 5 |
| 97 | Positron annihilation lifetime study of radiation-damaged natural zircons. <i>Journal of Nuclear Materials</i> , 2016, 471, 44-50. | 1.3 | 5 |
| 98 | Swift heavy ion-irradiated multi-phase calcium borosilicates: implications to molybdenum incorporation, microstructure, and network topology. <i>Journal of Materials Science</i> , 2019, 54, 11763-11783. | 1.7 | 5 |
| 99 | Applications of NMR in nuclear chemistry. <i>Nuclear Magnetic Resonance</i> , 2016, , 96-141. | 0.1 | 5 |
| 100 | Computational aspects of motional symmetry in nuclear magnetic resonance spectroscopy. <i>Chemical Physics</i> , 2001, 270, 109-128. | 0.9 | 4 |
| 101 | Efficient solid state NMR powder simulations using SMP and MPP parallel computation. <i>Journal of Magnetic Resonance</i> , 2003, 161, 183-190. | 1.2 | 4 |
| 102 | The management of separated plutonium: An introduction. <i>Progress in Nuclear Energy</i> , 2007, 49, 568-573. | 1.3 | 4 |
| 103 | The nature of the chemical bond in UO ₂ . <i>International Journal of Quantum Chemistry</i> , 2019, 119, e26040. | 1.0 | 4 |
| 104 | Coupling Radioactive Waste Glass Dissolution Measurements in Generic Groundwaters With Reactive Transport Modeling of Repository Scenarios. <i>Water Resources Research</i> , 2019, 55, 8010-8027. | 1.7 | 3 |
| 105 | Diffusive processes in aqueous glass dissolution. <i>Npj Materials Degradation</i> , 2019, 3, . | 2.6 | 3 |
| 106 | Deoxygenation and oxygen annealing of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ single observed in situ by ¹⁷ O NMR. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 232, 27-36. | 0.6 | 2 |
| 107 | Structure and dynamics of silicate glasses and melts. <i>Mineralogical Magazine</i> , 2000, 64, 373-376. | 0.6 | 2 |
| 108 | Identifying and Quantifying Actinide Radiation Damage in Ceramics with Radiological Magic-Angle Spinning Nuclear Magnetic Resonance. <i>Materials Research Society Symposia Proceedings</i> , 2006, 986, 1. | 0.1 | 2 |

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|-----|---|-----|-----------|
| 109 | Corrosion Behavior of AGR Simulated Fuels - Evolution of the Fuel Surface. ECS Transactions, 2013, 53, 95-104. | 0.3 | 2 |
| 110 | Time Resolved Very High Temperature NMR Study of the Cooling Process of CaO-Al ₂ O ₃ Liquids. , 1998, , 107-116. | | 2 |
| 111 | Properties of Zirconium Carbide for Nuclear Fuel Applications. , 2020, , 419-456. | | 2 |
| 112 | Isotropic and anisotropic chemical shift in ²⁰⁷ Pb NMR of inorganic solids. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1998, 95, 317-321. | 0.2 | 2 |
| 113 | High temperature ³⁵ Cl nuclear magnetic resonance study of the LiCl-KCl system and the effect of CeCl ₃ dissolution. Faraday Discussions, 2016, 190, 367-385. | 1.6 | 1 |
| 114 | Characterization of immiscibility in calcium borosilicates used for the immobilization of Mo 6+ under Au- ¹⁹⁸ Au irradiation. Journal of the American Ceramic Society, 2021, 104, 3632-3651. | 1.9 | 1 |
| 115 | Temperature dependent lithium isotope fractionation during glass dissolution. Geochimica Et Cosmochimica Acta, 2021, 313, 133-154. | 1.6 | 1 |
| 116 | Assessing the effect of radioactive waste glass dissolution on early-stage radionuclide migration using simplified geological repository Monte Carlo transport models. MRS Advances, 2021, 6, 73-79. | 0.5 | 1 |
| 117 | Developments for nuclear reactors and spent fuels processing: general discussion. Faraday Discussions, 2016, 190, 399-419. | 1.6 | 0 |
| 118 | Advancement in knowledge of phenomena and processes: general discussion. Faraday Discussions, 2016, 190, 525-549. | 1.6 | 0 |