

# Koji Fushimi

## List of Publications by Year in descending order

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200  
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3,923  
citations

101384

36  
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174990

52  
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208  
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208  
docs citations

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times ranked

3278  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chameleon Luminophore for Sensing Temperatures: Control of Metal-to-Metal and Energy Back Transfer in Lanthanide Coordination Polymers. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6413-6416.	7.2	313
2	Fast migration of fluoride ions in growing anodic titanium oxide. <i>Electrochemistry Communications</i> , 2007, 9, 1222-1227.	2.3	160
3	An agar-based silver   silver chloride reference electrode for use in micro-electrochemistry. <i>Electrochemistry Communications</i> , 1999, 1, 180-183.	2.3	152
4	Corrosion behaviour of ferrite and austenite phases on super duplex stainless steel in a modified green-death solution. <i>Corrosion Science</i> , 2014, 89, 111-117.	3.0	88
5	An SECM observation of dissolution distribution of ferrous or ferric ion from a polycrystalline iron electrode. <i>Electrochimica Acta</i> , 2001, 47, 121-127.	2.6	77
6	High capacitance B/C/N composites for capacitor electrodes synthesized by a simple method. <i>Journal of Power Sources</i> , 2010, 195, 1739-1746.	4.0	66
7	Heterogeneous Growth of Anodic Oxide Film on a Polycrystalline Titanium Electrode Observed with a Scanning Electrochemical Microscope. <i>Journal of the Electrochemical Society</i> , 2000, 147, 524.	1.3	61
8	Electropolishing of NiTi shape memory alloys in methanolic H <sub>2</sub> SO <sub>4</sub> . <i>Electrochimica Acta</i> , 2006, 52, 1290-1295.	2.6	61
9	Seven-coordinate Luminophores: Brilliant Luminescence of Lanthanide Complexes with C <sub>3v</sub> Geometrical Structures. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4769-4774.	1.0	60
10	Spark anodizing of Ti-2Ti alloy for wear-resistant coating. <i>Surface and Coatings Technology</i> , 2007, 201, 8730-8737.	2.2	59
11	Thermostable Organophosphor: Low-Vibrational Coordination Polymers That Exhibit Different Intermolecular Interactions. <i>ChemPlusChem</i> , 2012, 77, 277-280.	1.3	58
12	Anodic dissolution of titanium in chloride-containing ethylene glycol solution. <i>Electrochimica Acta</i> , 2009, 55, 258-264.	2.6	55
13	Triboluminescence of Lanthanide Coordination Polymers with Face-to-Face Arranged Substituents. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7171-7175.	7.2	54
14	Enhanced Luminescence of Asymmetrical Seven-coordinate Eu <sup>III</sup> Complexes Including LMCT Perturbation. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3843-3848.	1.0	53
15	Anodic dissolution of titanium in NaCl-containing ethylene glycol. <i>Electrochimica Acta</i> , 2008, 53, 3371-3376.	2.6	50
16	Use of a Liquid-Phase Ion Gun for Local Breakdown of the Passive Film on Iron. <i>Journal of the Electrochemical Society</i> , 2000, 147, 552.	1.3	48
17	Current distribution during galvanic corrosion of carbon steel welded with type-309 stainless steel in NaCl solution. <i>Corrosion Science</i> , 2008, 50, 903-911.	3.0	47
18	Spiral Eu(III) coordination polymers with circularly polarized luminescence. <i>Chemical Communications</i> , 2018, 54, 10695-10697.	2.2	47

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19	Corrosion protection of epoxy coating with pH sensitive microcapsules encapsulating cerium nitrate. <i>Corrosion Science</i> , 2019, 148, 188-197.	3.0	47
20	Depassivationâ€“repassivation behavior of type-312L stainless steel in NaCl solution investigated by the micro-indentation. <i>Corrosion Science</i> , 2009, 51, 1545-1553.	3.0	46
21	Luminescent Europium(III) Coordination Zippers Linked with Thiopheneâ€“Based Bridges. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12059-12062.	7.2	46
22	Chiral lanthanide lumino-glass for a circularly polarized light security device. <i>Communications Chemistry</i> , 2020, 3, .	2.0	45
23	Preparation of self-organized porous anodic niobium oxide microcones and their surface wettability. <i>Acta Materialia</i> , 2009, 57, 3941-3946.	3.8	43
24	Anisotropic corrosion of iron in pH 1 sulphuric acid. <i>Electrochimica Acta</i> , 2010, 55, 7322-7327.	2.6	43
25	Importance of water content in formation of porous anodic niobium oxide films in hot phosphateâ€“glycerol electrolyte. <i>Electrochimica Acta</i> , 2009, 54, 946-951.	2.6	42
26	Effect of Ligand Polarization on Asymmetric Structural Formation for Strongly Luminescent Lanthanide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5911-5918.	1.0	42
27	Chameleon Luminophore for Sensing Temperatures: Control of Metalâ€“toâ€“Metal and Energy Back Transfer in Lanthanide Coordination Polymers. <i>Angewandte Chemie</i> , 2013, 125, 6541-6544.	1.6	42
28	Luminescent Coordination Glass: Remarkable Morphological Strategy for Assembled Eu(III) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 4364-4370.	1.9	42
29	Effect of Hydrogen Sulfide Ions on the Passive Behavior of Type 316L Stainless Steel. <i>Journal of the Electrochemical Society</i> , 2015, 162, C685-C692.	1.3	41
30	Cross-section corrosion-potential profiles of aluminum-alloy brazing sheets observed by the flowing electrolyte scanning-droplet-cell technique. <i>Electrochimica Acta</i> , 2008, 53, 2529-2537.	2.6	40
31	Spark anodizing behaviour of titanium and its alloys in alkaline aluminate electrolyte. <i>Corrosion Science</i> , 2009, 51, 1534-1539.	3.0	40
32	Microelectrode techniques for corrosion research of iron. <i>Electrochimica Acta</i> , 2013, 113, 741-747.	2.6	39
33	Evaluation of Heterogeneity in Thickness of Passive Films on Pure Iron by Scanning Electrochemical Microscopy. <i>ISIJ International</i> , 1999, 39, 346-351.	0.6	38
34	Heterogeneous hydrogen evolution on corroding Feâ€“3at.% Si surface observed by scanning electrochemical microscopy. <i>Electrochimica Acta</i> , 2007, 52, 4246-4253.	2.6	38
35	Eu(III) Chiral Coordination Polymer with a Structural Transformation System. <i>Inorganic Chemistry</i> , 2017, 56, 5741-5747.	1.9	38
36	A Luminescent Dinuclear Eu <sup>III</sup> /Tb <sup>III</sup> Complex with LMCT Band as a Singleâ€“Molecular Thermosensor. <i>Chemistry - A European Journal</i> , 2018, 24, 1956-1961.	1.7	38

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37	Thermo-sensitive luminescent materials composed of Tb(III) and Eu(III) complexes. <i>Materials Letters</i> , 2014, 130, 91-93.	1.3	37
38	Critical Role of Energy Transfer Between Terbium Ions for Suppression of Back Energy Transfer in Nonanuclear Terbium Clusters. <i>Scientific Reports</i> , 2016, 6, 37008.	1.6	37
39	Initiation of a Local Breakdown of Passive Film on Iron due to Chloride Ions Generated by a Liquid-Phase Ion Gun. <i>Journal of the Electrochemical Society</i> , 2001, 148, B450.	1.3	36
40	Influence of Substrate Dislocation on Passivation of Pure Iron in pH 8.4 Borate Buffer Solution. <i>Journal of the Electrochemical Society</i> , 2010, 157, C231.	1.3	33
41	Ligand-Assisted Back Energy Transfer in Luminescent Tb <sup>III</sup> Complexes for Thermosensing Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 17719-17726.	1.7	33
42	Grain-Dependent Passivation of Iron in Sulfuric Acid Solution. <i>Journal of the Electrochemical Society</i> , 2014, 161, C594-C600.	1.3	32
43	Long-Range LMCT Coupling in Eu <sup>III</sup> Coordination Polymers for an Effective Molecular Luminescent Thermometer**. <i>Chemistry - A European Journal</i> , 2021, 27, 264-269.	1.7	31
44	Depth profile analysis of thin passive films on stainless steel by glow discharge optical emission spectroscopy. <i>Corrosion Science</i> , 2009, 51, 1554-1559.	3.0	30
45	A highly luminescent Eu(III) complex based on an electronically isolated aromatic ring system with ultralong lifetime. <i>Dalton Transactions</i> , 2018, 47, 7327-7332.	1.6	30
46	Influence of silicon on the growth of barrier-type anodic films on titanium. <i>Electrochimica Acta</i> , 2007, 52, 6834-6840.	2.6	29
47	Passivation Behavior of Type-316L Stainless Steel in the Presence of Hydrogen Sulfide Ions Generated from a Local Anion Generating System. <i>Electrochimica Acta</i> , 2016, 220, 304-311.	2.6	29
48	Microelectrochemistry of dual-phase steel corroding in 0.1 M sulfuric acid. <i>Electrochimica Acta</i> , 2013, 114, 83-87.	2.6	28
49	Enhancement of Optical Faraday Effect of Nonanuclear Tb(III) Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 7635-7641.	1.9	26
50	Enhanced Light Storage of SrAl <sub>2</sub> O <sub>4</sub> Glass-Ceramics Controlled by Selective Europium Reduction. <i>Journal of the American Ceramic Society</i> , 2015, 98, 423-429.	1.9	26
51	Effective Photo- and Triboluminescent Europium(III) Coordination Polymers with Rigid Triangular Spacer Ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 2666-2672.	1.7	26
52	In situ X-ray absorption spectroscopy for identification of lead species adsorbed on a nickel surface in acidic perchlorate solution. <i>Journal of Electroanalytical Chemistry</i> , 2012, 671, 7-15.	1.9	25
53	Hyper-stable organo-Eu(III) luminophore under high temperature for photo-industrial application. <i>Scientific Reports</i> , 2016, 6, 24458.	1.6	25
54	Effective Photosensitized Energy Transfer of Nonanuclear Terbium Clusters Using Methyl Salicylate Derivatives. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1943-1947.	1.1	24

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55	The Role of f-Orbital Interactions in Eu(III) Complexes for an Effective Molecular Luminescent Thermometer. <i>Inorganic Chemistry</i> , 2020, 59, 5865-5871.	1.9	24
56	Study on initiation of localised corrosion on copper thin film electrode by combinational use of an EQCM with a liquid-phase ion gun. <i>Corrosion Science</i> , 2003, 45, 2657-2670.	3.0	23
57	Development of a novel microstructure fabrication method with co-axial dual capillary solution flow type droplet cells and electrochemical deposition. <i>Electrochimica Acta</i> , 2008, 54, 616-622.	2.6	22
58	Effective Optical Faraday Rotations of Semiconductor EuS Nanocrystals with Paramagnetic Transition-Metal Ions. <i>Journal of the American Chemical Society</i> , 2013, 135, 2659-2666.	6.6	22
59	Structural Manipulation of Triboluminescent Lanthanide Coordination Polymers by Side-Group Alteration. <i>Inorganic Chemistry</i> , 2018, 57, 14653-14659.	1.9	22
60	Electronic chirality inversion of lanthanide complex induced by achiral molecules. <i>Scientific Reports</i> , 2018, 8, 16395.	1.6	22
61	Electronic strain effect on Eu(III) complexes for enhanced circularly polarized luminescence. <i>Dalton Transactions</i> , 2020, 49, 5352-5361.	1.6	22
62	Hydrogen generation from a single crystal magnetite coupled galvanically with a carbon steel in sulfate solution. <i>Corrosion Science</i> , 2002, 44, 611-623.	3.0	21
63	Formation of porous anodic films on Ti-Si alloys in hot phosphate-glycerol electrolyte. <i>Electrochimica Acta</i> , 2007, 53, 1775-1781.	2.6	21
64	Solvent-dependent luminescence of eight-coordinated Eu(III) complexes with bidentate phosphine oxide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 235, 35-39.	2.0	21
65	Enhanced Electric Dipole Transition in Lanthanide Complex with Organometallic Ruthenocene Units. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4825-4833.	1.1	21
66	Passivity of Dual-Phase Carbon Steel with Ferrite and Martensite Phases in pH 8.4 Boric Acid-Borate Buffer Solution. <i>Journal of the Electrochemical Society</i> , 2015, 162, C322-C326.	1.3	21
67	Luminescent Eu(III) coordination polymer cross-linked with Zn(II) complexes. <i>Materials Letters</i> , 2016, 167, 183-187.	1.3	21
68	Coordination Geometrical Effect on Ligand-to-Metal Charge Transfer-Dependent Energy Transfer Processes of Luminescent Eu(III) Complexes. <i>Journal of Physical Chemistry A</i> , 2021, 125, 209-217.	1.1	21
69	Application of the multichannel electrode method to monitoring of corrosion of steel in an artificial crevice. <i>Corrosion Science</i> , 2010, 52, 1179-1186.	3.0	20
70	First Synthesis of EuS Nanoparticle Thin Film with a Wide Energy Gap and Giant Magneto-Optical Efficiency on a Glass Electrode. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19590-19596.	1.5	20
71	Growth and Degradation of an Anodic Oxide Film on Titanium in Sulphuric Acid Observed by Ellipso-microscopy. <i>Electrochimica Acta</i> , 2014, 144, 56-63.	2.6	20
72	Near-IR Luminescent Yb(III) Coordination Polymers Composed of Pyrene Derivatives for Thermostable Oxygen Sensors. <i>Chemistry - A European Journal</i> , 2019, 25, 12308-12315.	1.7	20

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73	A Scanning Electrochemical Microscopic Observation of Heterogeneous Oxygen Evolution on a Polycrystalline Titanium during Anodic Oxidation. <i>Electrochemistry</i> , 2000, 68, 950-954.	0.6	20
74	Stacked nanocarbon photosensitizer for efficient blue light excited Eu(III) emission. <i>Communications Chemistry</i> , 2020, 3, .	2.0	19
75	Trial for Evaluation of Heterogeneity of Passive Film on Iron by a Scanning Electrochemical Microscope. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 1997, 46, 797-803.	0.0	17
76	Red Luminescent Eu(III) Coordination Bricks Excited on Blue LED Chip. <i>Inorganic Chemistry</i> , 2018, 57, 7097-7103.	1.9	17
77	Effect of underpotential deposition of lead on polarization behavior of nickel in acidic perchlorate solutions at room temperature. <i>Corrosion Science</i> , 2008, 50, 3139-3146.	3.0	16
78	Molecular Design Guidelines for Large Magnetic Circular Dichroism Intensities in Lanthanide Complexes. <i>ChemPhysChem</i> , 2016, 17, 845-849.	1.0	16
79	Photosensitized Luminescence of Highly Thermostable Mononuclear Eu(III) Complexes with $\beta$ -Expanded $\beta^2$ -Diketonate Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1287-1292.	2.0	16
80	Triboluminescence of Lanthanide Coordination Polymers with Face-to-Face Arranged Substituents. <i>Angewandte Chemie</i> , 2017, 129, 7277-7281.	1.6	15
81	Fabrication of Cu Micro-rods with Co-axial Dual Capillary Solution Flow Type Droplet Cell and Electrodeposition with the Cell. <i>Electrochemistry</i> , 2010, 78, 118-121.	0.6	14
82	Enhanced Magneto-optical Properties of Semiconductor EuS Nanocrystals Assisted by Surface Plasmon Resonance of Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 14438-14445.	1.7	14
83	Luminescent Thin Films Composed of Nanosized Europium Coordination Polymers on Glass Electrodes. <i>ChemPlusChem</i> , 2016, 81, 187-193.	1.3	14
84	Current transients of passive iron observed during micro-indentation in pH 8.4 borate buffer solution. <i>Electrochimica Acta</i> , 2006, 51, 1255-1263.	2.6	13
85	Reactivity imaging of a passive ferritic FeAlCr steel. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 1339-1345.	1.5	12
86	Novel opto-magnetic silicate glass with semiconductor EuS nanocrystals. <i>Journal of Alloys and Compounds</i> , 2013, 562, 123-127.	2.8	12
87	Effective Europium Coordination Luminophores Linked with Bi- and Tridentate Carbazole Phosphine Oxides for Organic Electroluminescent Devices. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9599-9605.	1.5	12
88	Thermal degradation of anodic niobia on niobium and oxygen-containing niobium. <i>Thin Solid Films</i> , 2008, 516, 991-998.	0.8	11
89	Depassivation-repassivation behavior of a pure iron surface investigated by micro-indentation. <i>Electrochimica Acta</i> , 2010, 55, 1232-1238.	2.6	11
90	Thermostable Eu(III)-nanorod luminophores with effective photosensitized energy transfer. <i>Journal of Alloys and Compounds</i> , 2015, 648, 651-657.	2.8	11

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91	Hydrogen Permeation into a Carbon Steel Sheet Observed by a Micro-capillary Combined with a Devanathan-Stachurski Cell. ISIJ International, 2016, 56, 431-435.	0.6	11
92	The relationship between magneto-optical properties and molecular chirality. NPG Asia Materials, 2016, 8, e251-e251.	3.8	11
93	Visible luminescent lanthanide ions and a large $\pi$ -conjugated ligand system shake hands. Physical Chemistry Chemical Physics, 2016, 18, 31012-31016.	1.3	11
94	Limiting Current in a Flowing $\mu$ -Electrolyte $\mu$ -Type Droplet Cell. ChemPhysChem, 2009, 10, 420-426.	1.0	10
95	Amorphous Formability and Temperature-Sensitive Luminescence of Lanthanide Coordination Glasses Linked by Thienyl, Naphthyl, and Phenyl Bridges with Ethynyl Groups. Bulletin of the Chemical Society of Japan, 2017, 90, 322-326.	2.0	10
96	Thermosensitive Seven-Coordinate Tb(III) Complexes with LLCT Transitions. European Journal of Inorganic Chemistry, 2018, 2018, 2031-2037.	1.0	10
97	Origin of Concentration Quenching in Ytterbium Coordination Polymers: Phonon-Assisted Energy Transfer. European Journal of Inorganic Chemistry, 2018, 2018, 561-567.	1.0	10
98	First aggregation-induced emission of a Tb(III) luminophore based on modulation of ligand $\pi$ -ligand charge transfer bands. Dalton Transactions, 2020, 49, 2431-2436.	1.6	10
99	First Triplet-Excited Chemical Reaction of a Stacked Lanthanide Coordination Polymer with an in Situ Reaction Monitor. Chemistry - A European Journal, 2021, 27, 2279-2283.	1.7	10
100	Oblique Angle Deposition of Columnar Niobium Films for Capacitor Application. Materials Transactions, 2008, 49, 1320-1326.	0.4	9
101	Mechano-electrochemistry of a passive surface using an in situ micro-indentation test. Electrochimica Acta, 2011, 56, 1773-1780.	2.6	9
102	Convection-Dependent Hydrogen Permeation into a Carbon Steel Sheet. ECS Electrochemistry Letters, 2014, 3, C21-C23.	1.9	9
103	Development of a Liquid-Phase Ion Gun and Its Application for Sulfidation of Silver Surface. Journal of the Electrochemical Society, 2015, 162, C115-C120.	1.3	9
104	Optical Characterization of Passive Oxides on Metals. Electrochemistry, 2016, 84, 826-832.	0.6	9
105	Solvent-dependent dual-luminescence properties of a europium complex with helical $\pi$ -conjugated ligands. Photochemical and Photobiological Sciences, 2017, 16, 683-689.	1.6	9
106	Initiation of Localized Corrosion of Ferritic Stainless Steels by Using the Liquid-Phase Ion Gun Technique. Journal of the Electrochemical Society, 2017, 164, C1-C7.	1.3	9
107	Synthesis and Photophysical Properties of Eu(III) Complexes with Phosphine Oxide Ligands including Metal Ions. Bulletin of the Chemical Society of Japan, 2018, 91, 6-11.	2.0	9
108	Detailed Structural Analyses of Nanofibrillated Bacterial Cellulose and Its Application as Binder Material for a Display Device. Biomacromolecules, 2020, 21, 581-588.	2.6	9

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109	An Europium(III) Luminophore with Pressure-Sensing Units: Effective Back Energy Transfer in Coordination Polymers with Hexadentate Porous Stable Networks. <i>ChemPlusChem</i> , 2020, 85, 1989-1993.	1.3	9
110	Inhibition of field crystallization of anodic niobium oxide by incorporation of silicon species. <i>Electrochimica Acta</i> , 2008, 53, 8203-8210.	2.6	8
111	Acid-protected Eu(III) coordination nanoparticles covered with polystyrene. <i>Journal of Materials Chemistry C</i> , 2016, 4, 75-81.	2.7	8
112	Spin-orbit coupling dependent energy transfer in luminescent nonanuclear Yb-Gd / Yb-Lu clusters. <i>Journal of Luminescence</i> , 2018, 201, 170-175.	1.5	8
113	First demonstration of the f orbital interaction depending on the coordination geometry in Eu(III) luminophores. <i>Dalton Transactions</i> , 2020, 49, 3098-3101.	1.6	8
114	Current transients during repeated micro-indentation test of passive iron surface in pH 8.4 borate buffer solution. <i>Electrochemistry Communications</i> , 2007, 9, 1672-1676.	2.3	7
115	A numerical model for current transients during micro-indentation of passive iron surface. <i>Electrochimica Acta</i> , 2007, 52, 6901-6910.	2.6	7
116	Area Selective Formation of Porous Type Aluminum Anodic Oxide Film by a Solution Flow-Type Micro Droplet Cell. <i>ECS Transactions</i> , 2010, 33, 57-63.	0.3	7
117	SCC Mechanism Near Fusion Line of Low C-13%Cr Welded Joints. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2011, 60, 196-201.	0.0	7
118	Dielectric properties of anodic films on sputter-deposited Ti-Si porous columnar films. <i>Applied Surface Science</i> , 2011, 257, 8295-8300.	3.1	7
119	Thermo-stable Lanthanoid Coordination Nanoparticles Composed of Luminescent Eu(III) Complexes and Organic Joint Ligands Using Micelle Techniques in Water. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 1386-1390.	2.0	7
120	Terbium Oxide, Fluoride, and Oxyfluoride Nanoparticles with Magneto-optical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1453-1458.	2.0	7
121	Luminescent Europium(III) Coordination Zippers Linked with Thiophene-Based Bridges. <i>Angewandte Chemie</i> , 2016, 128, 12238-12241.	1.6	7
122	Electrochemistry for Corrosion Fundamentals. <i>Springer Briefs in Molecular Science</i> , 2018, .	0.1	7
123	On the Electropolishing Mechanism of Nickel Titanium in Methanolic Sulfuric acid ~ An Electrochemical Impedance Study. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800011.	0.8	7
124	Preparation of boron-containing carbons from glucose-borate complexes and their capacitive performance. <i>Tanso</i> , 2009, 2009, 156-161.	0.1	7
125	Preparation of photonic molecular trains via soft-crystal polymerization of lanthanide complexes. <i>Nature Communications</i> , 2022, 13, .	5.8	7
126	Controlled morphology of aluminum alloy nanopillar films: from nanohorns to nanoplates. <i>Nanotechnology</i> , 2010, 21, 395302.	1.3	6



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127	Titanium surface anodized under UV light irradiation observed by ellipso-microscopy. Journal of Solid State Electrochemistry, 2015, 19, 3579-3587.	1.2	6
128	J-Type Heteroexciton Coupling Effect on an Asymmetric Donor-acceptor-Donor-Type Fluorophore. Journal of Physical Chemistry A, 2017, 121, 4613-4618.	1.1	6
129	Micro- and Nano-Scopic Aspects of Passive Surface on Pearlite Structure of Carbon Steel in pH 8.4 Boric Acid-Borate Buffer. Journal of the Electrochemical Society, 2019, 166, C3409-C3416.	1.3	6
130	Bright sky-blue fluorescence with high color purity: assembly of luminescent diphenyl-anthracene lutetium-based coordination polymer. RSC Advances, 2021, 11, 6604-6606.	1.7	6
131	Development of a Low Solution Resistance Type Solution Flow Droplet Cell and Investigation of Its Electrochemical Performance. ISIJ International, 2010, 50, 1466-1470.	0.6	6
132	EuS Nano-assemblies Linked with Photo-functional Naphthalenedithiols. Molecular Crystals and Liquid Crystals, 2013, 579, 69-76.	0.4	5
133	Formation of Area and Thickness Controlled Porous Type Aluminum Anodic Oxide Films by Sf-MDC. ECS Transactions, 2013, 50, 255-262.	0.3	5
134	Chiroptical Properties of Nonanuclear Tb(III) Clusters with Chiral Champhor Derivative Ligands. E-Journal of Surface Science and Nanotechnology, 2015, 13, 31-34.	0.1	5
135	Circularly Polarized Absorption and Luminescence of Semiconductor Eu@OCN Nanocrystals in the Blue Region of the Electromagnetic Spectrum. ChemPhysChem, 2020, 21, 2019-2024.	1.0	5
136	Long-lived emission beyond 1000 nm: control of excited-state dynamics in a dinuclear Tb(III)-Nd(III) complex. Chemical Communications, 2021, 57, 8047-8050.	2.2	5
137	Thermo-sensitive Eu(III) Coordination Polymers with Amorphous Networks. ChemistrySelect, 2021, 6, 2812-2816.	0.7	5
138	Asymmetric Lumino-Transformer: Circularly Polarized Luminescence of Chiral Eu(III) Coordination Polymer with Phase-Transition Behavior. Journal of Physical Chemistry B, 2022, 126, 3799-3807.	1.2	5
139	Evaluation of Materials Surface Using Capillary Micro-cell Technique. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2008, 59, 863-863.	0.1	4
140	Growth of Porous Anodic Films on Niobium in Hot Phosphate-Glycerol Electrolyte. ECS Transactions, 2008, 16, 345-351.	0.3	4
141	Local Cu Electro-Plating on Non-Conductive Substrate and Fabrication of Metal Structure with Solution Flow Type Micro-Droplet Cell. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2011, 62, 511-515.	0.1	4
142	Heterogeneity of a Thermal Oxide Film Formed on Polycrystalline Iron Observed by Two-Dimensional Ellipsometry. Journal of the Electrochemical Society, 2016, 163, C815-C822.	1.3	4
143	Highly luminescent tetranuclear Eu(III) complex with characteristic cavity space. Inorganica Chimica Acta, 2019, 486, 240-244.	1.2	4
144	Active-Passive Transition of an Fe-6 mass% Cr Surface in Acidic Sodium Sulfate Solutions Under a Laminar Flow Condition Evaluated by Ellipso-Microscopy and Channel Flow Electrode Method. Journal of the Electrochemical Society, 2021, 168, 051503.	1.3	4

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145	Electrochemical Noise Analysis of 13 mass% Cr Stainless Steel HAZ by Solution Flow Type Micro-droplet Cell-Effect of Solution Concentration-. ECS Transactions, 2009, 16, 281-290.	0.3	3
146	Investigation of Depassivation-repassivation Behavior of Metal Surfaces Using Micro-indentation Test. Zairyo To Kankyo/ Corrosion Engineering, 2011, 60, 28-38.	0.0	3
147	Microelectrochemistry at Heat-tinted Zone of Stainless Steel Weldment. Zairyo To Kankyo/ Corrosion Engineering, 2015, 64, 552-557.	0.0	3
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