Vincenzo Esposito

List of Publications by Year in descending order

149 papers	3,376 citations	172457 29 h-index	197818 49 g-index
168 all docs	168 docs citations	168 times ranked	4032 citing authors

#	Article	IF	Citations
1	Single-Fraction Versus Multifraction (3 Ã— 9ÂGy) Stereotactic Radiosurgery for Large (>2Âcm) Brain Metastases: A Comparative Analysis of Local Control and Risk of Radiation-Induced Brain Necrosis. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1142-1148.	0.8	344
2	Design of Electroceramics for Solid Oxides Fuel Cell Applications: Playing with Ceria. Journal of the American Ceramic Society, 2008, 91, 1037-1051.	3.8	221
3	Enhancement of the chemical stability in confinedÂÎ´-Bi2O3. Nature Materials, 2015, 14, 500-504.	27.5	148
4	Enhancement of Ionic Conductivity in Smâ€Doped Ceria/Yttriaâ€Stabilized Zirconia Heteroepitaxial Structures. Small, 2010, 6, 1863-1867.	10.0	96
5	Fabrication and Electrochemical Properties of Epitaxial Samariumâ€Doped Ceria Films on SrTiO₃â€Buffered MgO Substrates. Advanced Functional Materials, 2009, 19, 1713-1719.	14.9	94
6	Stereotactic radiosurgery combined with nivolumab or Ipilimumab for patients with melanoma brain metastases: evaluation of brain control and toxicity. , 2019, 7, 102.		87
7	Composite Mesoporous Titania Nafion-Based Membranes for Direct Methanol Fuel Cell Operation at High Temperature. Journal of the Electrochemical Society, 2005, 152, A1373.	2.9	71
8	Fabrication of thin yttria-stabilized-zirconia dense electrolyte layers by inkjet printing for high performing solid oxide fuel cells. Journal of Power Sources, 2015, 273, 89-95.	7.8	70
9	Enhanced mass diffusion phenomena in highly defective doped ceria. Acta Materialia, 2013, 61, 6290-6300.	7.9	67
10	Could HIV infection alter the clinical course of SARSâ€CoVâ€2 infection? When less is better. Journal of Medical Virology, 2020, 92, 1777-1778.	5.0	59
11	Induced giant piezoelectricity in centrosymmetric oxides. Science, 2022, 375, 653-657.	12.6	59
12	Improved total conductivity of nanometric samaria-doped ceria powders sintered with molten LiNO3 additive. Solid State Ionics, 2009, 180, 1069-1075.	2.7	56
13	Electrical properties of YSZ/NiO composites prepared by a liquid mixture technique. Journal of the European Ceramic Society, 2005, 25, 2637-2641.	5.7	50
14	Morphology changes in human lung epithelial cells after exposure to diesel exhaust micron sub particles (PM1.0) and pollen allergens. Environmental Pollution, 2012, 171, 162-167.	7.5	46
15	When two become one: An insight into 2D conductive oxide interfaces. Journal of Electroceramics, 2017, 38, 1-23.	2.0	46
16	A wet-chemical route for the preparation of Niâ€“BaCe0.9Y0.1O3âˆ'Î´ cermet anodes for IT-SOFCs. Solid State Ionics, 2009, 180, 715-720.	2.7	44
17	Porous La0.6Sr0.4CoO3âˆ'Î´ thin film cathodes for large area micro solid oxide fuel cell power generators. Journal of Power Sources, 2014, 248, 1042-1049.	7.8	42
18	Inflammatory effects on human lung epithelial cells after exposure to diesel exhaust micron sub particles (PM1.0) and pollen allergens. Environmental Pollution, 2012, 161, 64-69.	7.5	40

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19	Development and characterization of celluloseâ€based hydrogels for use as dietary bulking agents. Journal of Applied Polymer Science, 2010, 115, 1438-1444.	2.6	39
20	Accelerated ceriaâ€“zirconia solubilization by cationic diffusion inversion at low oxygen activity. Journal of Materials Chemistry A, 2016, 4, 16871-16878.	10.3	38
21	Outcomes of postoperative stereotactic radiosurgery to the resection cavity versus stereotactic radiosurgery alone for melanoma brain metastases. Journal of Neuro-Oncology, 2017, 132, 455-462.	2.9	38
22	Strain induced ionic conductivity enhancement in epitaxial Ce0.9Gd0.1O2â^Î´ thin films. Applied Physics Letters, 2012, 100, .	3.3	36
23	Densification and grain growth during sintering of porous Ce0.9Gd0.1O1.95 tape cast layers: A comprehensive study on heuristic methods. Journal of the European Ceramic Society, 2013, 33, 2529-2537.	5.7	35
24	Effect of oxygen defects blocking barriers on gadolinium doped ceria (GDC) electro-chemo-mechanical properties. Acta Materialia, 2019, 174, 53-60.	7.9	34
25	3D-printed barium titanate/poly-(vinylidene fluoride) nano-hybrids with anisotropic dielectric properties. Journal of Materials Chemistry C, 2017, 5, 12430-12440.	5.5	33
26	Effects of treatment with Maraviroc a CCR5 inhibitor on a human hepatic stellate cell line. Journal of Cellular Physiology, 2018, 233, 6224-6231.	4.1	33
27	Aqueous metalâ€“organic solutions for YSZ thin film inkjet deposition. Journal of Materials Chemistry C, 2017, 5, 6021-6029.	5.5	32
28	Design and optimization of porous ceramic supports for asymmetric ceria-based oxygen transport membranes. Journal of Membrane Science, 2016, 513, 85-94.	8.2	31
29	Cathode Performance of Nanostructured La[sub 1â^'a]Sr[sub a]Co[sub 1â^'b]Fe[sub b]O[sub 3â^'x] on a Ce[sub 0.8]Sm[sub 0.2]O[sub 2] Electrolyte Prepared by Citrate-Nitrate Autocombustion. Journal of the Electrochemical Society, 2007, 154, A89.	2.9	29
30	The effect of forming stresses on the sintering of ultra-fine Ce0.9Gd0.1O2â^Î´ powders. Journal of the European Ceramic Society, 2013, 33, 1289-1296.	5.7	29
31	Camber Evolution and Stress Development of Porous Ceramic Bilayers During Coâ€Firing. Journal of the American Ceramic Society, 2013, 96, 972-978.	3.8	29
32	Chemical vapor deposition of multi-walled carbon nanotubes from nickel/yttria-stabilized zirconia catalysts. Applied Physics A: Materials Science and Processing, 2006, 84, 271-276.	2.3	28
33	Master sintering curve for Gd-doped CeO2 solid electrolytes. Journal of Thermal Analysis and Calorimetry, 2009, 97, 143-147.	3.6	28
34	Sintering of Multilayered Porous Structures: Part <scp>II</scp>â€“Experiments and Model Applications. Journal of the American Ceramic Society, 2013, 96, 2666-2673.	3.8	27
35	Densification of Highly Defective Ceria by High Temperature Controlled Re-Oxidation. Journal of the Electrochemical Society, 2014, 161, F3072-F3078.	2.9	27
36	Sintering of Multilayered Porous Structures: Part Iâ€Constitutive Models. Journal of the American Ceramic Society, 2013, 96, 2657-2665.	3.8	26

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37	Modeling Sintering of Multilayers Under Influence of Gravity. Journal of the American Ceramic Society, 2013, 96, 80-89.	3.8	26
38	Preparation and Electrochemical Characterization of Perovskite/YSZ Ceramic Films. Journal of the Electrochemical Society, 2005, 152, A88.	2.9	25
39	Applicability of Bi[sub 2]Ru[sub 2]O[sub 7] Pyrochlore Electrodes for ESB and BIMEVOX Electrolytes. Journal of the Electrochemical Society, 2006, 153, A2232.	2.9	25
40	High ionic conductivity in confined bismuth oxide-based heterostructures. APL Materials, 2016, 4, .	5.1	25
41	Different Impact Of Antiretroviral Drugs On Bone Differentiation In An In Vitro Model. Journal of Cellular Biochemistry, 2015, 116, 2188-2194.	2.6	24
42	Fast mass interdiffusion in ceria/alumina composite. Journal of Materials Chemistry A, 2015, 3, 17135-17143.	10.3	24
43	NOx selective catalytic reduction (SCR) on self-supported Vâ€“W-doped TiO₂ nanofibers. New Journal of Chemistry, 2017, 41, 3466-3472.	2.8	24
44	Mixed Ionicâ€“Electronic YSZ/Ni Composite for SOFC Anodes with High Electrical Conductivity. Journal of the Electrochemical Society, 2006, 153, A354.	2.9	23
45	Chemical stability of La0.6Sr0.4CoO3â^Î´ in oxygen permeation applications under exposure to N2 and CO2. Solid State Ionics, 2012, 227, 46-56.	2.7	23
46	Effect of chemical redox on Gd-doped ceria mass diffusion. Journal of Materials Chemistry A, 2015, 3, 18835-18838.	10.3	23
47	Pb[sub 2]Ru[sub 2]O[sub 6.5] as a Low-Temperature Cathode for Bismuth Oxide Electrolytes. Journal of the Electrochemical Society, 2005, 152, A2300.	2.9	22
48	Effects of co-sintering in self-standing CGO/YSZ and CGO/ScYSZ dense bi-layers. Journal of Materials Science, 2014, 49, 5324-5333.	3.7	22
49	Densification and grain growth kinetics of Ce0.9Gd0.1O1.95 in tape cast layers: The influence of porosity. Journal of the European Ceramic Society, 2014, 34, 2371-2379.	5.7	22
50	Structural instability and electrical properties in epitaxial Er2O3-stabilized Bi2O3 thin films. Solid State Ionics, 2014, 266, 13-18.	2.7	21
51	Different Cell Cycle Modulation in SKOV-3 Ovarian Cancer Cell Line by Anti-HIV Drugs. Oncology Research, 2017, 25, 1617-1624.	1.5	21
52	Densification of Ce0.9Gd0.1O1.95 barrier layer by in-situ solid state reaction. Journal of Power Sources, 2014, 266, 393-400.	7.8	20
53	Ex-situ tracking solid oxide cell electrode microstructural evolution in a redox cycle by high resolution ptychographic nanotomography. Journal of Power Sources, 2017, 360, 520-527.	7.8	20
54	Metastability at Defective Metal Oxide Interfaces and Nanoconfined Structures. Advanced Materials Interfaces, 2020, 7, 1902090.	3.7	20

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55	Effect of cold sintering process (CSP) on the electro-chemo-mechanical properties of Gd-doped ceria (GDC). Journal of the European Ceramic Society, 2020, 40, 5612-5618.	5.7	20
56	Novel Y_{2â^'x}Pr_xRu₂O₇ (x=0â€“2) Pyrochlore Oxides Prepared Using a Soft Chemistry Route and their Electrical Properties. Journal of the American Ceramic Society, 2010, 93, 1970-1977.	3.8	19
57	Zirconia UV-curable colloids for additive manufacturing via hybrid inkjet printing-stereolithography. Materials Letters, 2018, 215, 214-217.	2.6	19
58	Tuning the stoichiometry and electrical properties of tantalum oxide thin films. Applied Surface Science, 2019, 470, 1071-1074.	6.1	19
59	Assembling Niâ€“Fe Layered Double Hydroxide 2D Thin Films for Oxygen Evolution Electrodes. ACS Applied Energy Materials, 2020, 3, 1017-1026.	5.1	19
60	Viscoelastic properties of doped-ceria under reduced oxygen partial pressure. Scripta Materialia, 2014, 75, 82-85.	5.2	18
61	Sintering and grain growth kinetics in La0.85Sr0.15MnO3â€“Ce0.9Gd0.1O1.95 (LSMâ€“CGO) porous composite. Journal of the European Ceramic Society, 2014, 34, 3769-3778.	5.7	18
62	Effects of accelerated degradation on metal supported thin film-based solid oxide fuel cells. Journal of Materials Chemistry A, 2018, 6, 7887-7896.	10.3	18
63	Electrochemical properties of dense (La, Sr)MnO3â^'Î´ films produced by pulsed laser deposition. Solid State Ionics, 2012, 217, 54-61.	2.7	17
64	Sintering process optimization for multi-layer CGO membranes by in situ techniques. Journal of the European Ceramic Society, 2013, 33, 549-556.	5.7	17
65	Zirconia nano-colloids transfer from continuous hydrothermal synthesis to inkjet printing. Journal of the European Ceramic Society, 2019, 39, 2-8.	5.7	17
66	Electro-chemo-mechanical effect in Gd-doped ceria thin films with a controlled orientation. Journal of Materials Chemistry A, 2020, 8, 14023-14030.	10.3	17
67	Degradation Mechanisms of Metal-Supported Solid Oxide Cells and Countermeasures: A Review. Materials, 2021, 14, 3139.	2.9	17
68	2022 roadmap on 3D printing for energy. JPhys Energy, 2022, 4, 011501.	5.3	17
69	Electrical characterization of gadolinia-doped ceria films grown by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2010, 101, 601-607.	2.3	16
70	Nucleophilic stabilization of water-based reactive ink for titania-based thin film inkjet printing. Journal of Physics and Chemistry of Solids, 2017, 101, 10-17.	4.0	16
71	Enhanced densification of thin tape cast Ceria-Gadolinium Oxide (CGO) layers by rheological optimization of slurries. Ceramics International, 2017, 43, 5647-5653.	4.8	15
72	Enhanced conductivity in pulsed laser deposited Ce0.9Gd0.1O2â^'Î´/SrTiO3 heterostructures. Applied Physics Letters, 2010, 97, 143110.	3.3	14

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73	Enhanced electro-mechanical coupling of TiN/Ce0.8Gd0.2O1.9 thin film electrostrictor. APL Materials, 2019, 7, .	5.1	14
74	The role of oxygen defects on the electro-chemo-mechanical properties of highly defective gadolinium doped ceria. Materials Letters, 2020, 266, 127490.	2.6	14
75	The role of oxide interfaces in highly confined electronic and ionic conductors. APL Materials, 2019, 7, 013101.	5.1	13
76	Enhanced Electromechanical Response in Sm and Nd Co-doped Ceria. Materialia, 2020, 12, 100728.	2.7	13
77	Alternative Chemical Route to Mesoporous Titania From a Titanatrane Complex. Journal of Materials Research, 2005, 20, 128-134.	2.6	12
78	Continuous hydrothermal flow synthesis of Gdâ€doped CeO₂ (<scp>GDC</scp>) nanoparticles for inkjet printing of <scp>SOFC</scp> electrolytes. International Journal of Applied Ceramic Technology, 2018, 15, 315-327.	2.1	12
79	Effect of the sol-gel conditions on the morphology and SCR performance of electrospun V-W-TiO 2 catalysts. Journal of Physics and Chemistry of Solids, 2018, 118, 255-261.	4.0	12
80	Nanostructured PLD-grown gadolinia doped ceria: Chemical and structural characterization by transmission electron microscopy techniques. Applied Surface Science, 2011, 257, 5341-5346.	6.1	11
81	Electrochemical stability of (La,Sr)CoO_{3â^'Î´} in (La,Sr)CoO_{3â^'Î´}/(Ce,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	5.6	11
82	Electro-chemo-mechanical properties in nanostructured Ca-doped ceria (CDC) by field assisted sintering. Scripta Materialia, 2020, 187, 183-187.	5.2	11
83	The role of dalbavancin for Gram positive infections in the COVID-19 era: state of the art and future perspectives. Expert Review of Anti-Infective Therapy, 2021, 19, 1125-1134.	4.4	11
84	Modeling constrained sintering of bi-layered tubular structures. Journal of the European Ceramic Society, 2015, 35, 941-950.	5.7	10
85	Oxygen permeation and stability study of (La0.6Ca0.4)0.98(Co0.8Fe0.2)O3-Î´ membranes. Journal of Membrane Science, 2017, 542, 245-253.	8.2	10
86	Stoichiometric control in Bi4Ti3O12 synthesis by novel hybrid solid state reaction. Materials Letters, 2018, 221, 101-103.	2.6	10
87	Amorphous saturated ceriumâ€“tungstenâ€“titanium oxide nanofiber catalysts for NO_x selective catalytic reaction. New Journal of Chemistry, 2018, 42, 9501-9509.	2.8	10
88	Highly porous Ceâ€“Wâ€“TiO₂ free-standing electrospun catalytic membranes for efficient de-NO_xvia ammonia selective catalytic reduction. Environmental Science: Nano, 2019, 6, 94-104.	4.3	10
89	Electromechanical dopantâ€“defect interaction in acceptor-doped ceria. Materials Advances, 2020, 1, 2717-2720.	5.4	10
90	Exposure to submicron particles (PM1.0) from diesel exhaust and pollen allergens of human lung epithelial cells induces morphological changes of mitochondria tonifilaments and rough endoplasmic reticulum. In Vivo, 2014, 28, 557-61.	1.3	10

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91	A global existence and uniqueness result for a class of hyperbolic operators. Ricerche Di Matematica, 2014, 63, 25-40.	1.0	9
92	Releasing cation diffusion in self-limited nanocrystalline defective ceria thin films. RSC Advances, 2017, 7, 13784-13788.	3.6	9
93	Printing of NiO-YSZ nanocomposites: From continuous synthesis to inkjet deposition. Journal of the European Ceramic Society, 2019, 39, 1279-1286.	5.7	9
94	Leptomeningeal disease and brain control after postoperative stereotactic radiosurgery with or without immunotherapy for resected brain metastases. , 2021, 9, e003730.		8
95	Tuning diffusion paths in shaped ceria nanocrystals. CrystEngComm, 2019, 21, 4025-4029.	2.6	7
96	Electrical conductivity of nanostructured acceptor-doped ceria fabricated by spark plasma sintering (SPS). Materials Letters, 2020, 279, 128513.	2.6	7
97	SARSâ€CoVâ€2 and inflammatory responses: From mechanisms to the potential therapeutic use of intravenous immunoglobulin. Journal of Medical Virology, 2021, 93, 2654-2661.	5.0	7
98	Aortic Valve Endocarditis Caused by Abiotrophia defectiva: Case Report and Literature Overview. In Vivo, 2015, 29, 515-8.	1.3	7
99	Synthesis and Characterization of Y2Ru2O7 and Y2-XPrXRu2O7 for Cathode Application in Intermediate Temperature Solid Oxide Fuel Cells. ECS Transactions, 2006, 1, 255-261.	0.5	6
100	Instability of supercritical porosity in highly doped ceria under reduced oxygen partial pressure. Scripta Materialia, 2015, 94, 13-16.	5.2	6
101	Near interface ionic transport in oxygen vacancy stabilized cubic zirconium oxide thin films. Physical Chemistry Chemical Physics, 2018, 20, 26068-26071.	2.8	6
102	Atomic-scale insights into electro-steric substitutional chemistry of cerium oxide. Physical Chemistry Chemical Physics, 2020, 22, 21900-21908.	2.8	6
103	Exsolution of Nickel Nanoparticles from Mixedâ€Valence Metal Oxides: A Quantitative Evaluation by Magnetic Measurements. Particle and Particle Systems Characterization, 2020, 37, 1900472.	2.3	6
104	Hybrid inks for 3D printing of tall BaTiO3-based ceramics. Open Ceramics, 2021, 6, 100110.	2.0	6
105	Energy estimates for the Cauchy problem associated to a class of hyperbolic operators with double characteristics in presence of transition. Ricerche Di Matematica, 2015, 64, 243-249.	1.0	5
106	On hyperbolic equations with double characteristics in the presence of transition. Boundary Value Problems, 2016, 2016, .	0.7	5
107	The Cauchyâ€“Dirichlet problem for a class of hyperbolic operators with double characteristics in the presence of transition. Journal of Mathematical Analysis and Applications, 2016, 442, 149-170.	1.0	5
108	Nucleation front instability in two-dimensional (2D) nanosheet gadolinium-doped cerium oxide (CGO) formation. CrystEngComm, 2018, 20, 1405-1410.	2.6	5

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109	Effect of spherical porosity on co-fired dense/porous zirconia bi-layers cambering. Journal of the European Ceramic Society, 2018, 38, 173-179.	5.7	5
110	Electric field-assisted pressureless sintering gadolinium-, yttrium- and samarium-doped barium cerate. Scripta Materialia, 2018, 156, 6-9.	5.2	5
111	Gd0.2Ce0.8O1.9/Y0.16Zr0.84O1.92 nanocomposite thin films for low temperature ionic conductivity. Journal of Physics and Chemistry of Solids, 2019, 132, 162-171.	4.0	5
112	Electromechanically active pair dynamics in a Gd-doped ceria single crystal. Physical Chemistry Chemical Physics, 2021, 23, 11233-11239.	2.8	5
113	Gigantic electro-chemo-mechanical properties of nanostructured praseodymium doped ceria. Nanoscale, 2021, 13, 7583-7589.	5.6	5
114	Hybrid-3D printing of symmetric solid oxide cells by inkjet printing and robocasting. Additive Manufacturing, 2022, 51, 102636.	3.0	5
115	Bi2Ru2O7 Pyrochlore Electrodes for Bi2O3 Based Electrolyte for IT-SOFC Applications. ECS Transactions, 2006, 1, 263-277.	0.5	4
116	Low Temperature Synthesis and Properties of Gadolinium-Doped Cerium Oxide Nanoparticles. ECS Transactions, 2017, 78, 387-394.	0.5	4
117	Thermochemical stability of zirconia-titanium nitride as mixed ionic-electronic composites. Ceramics International, 2018, 44, 8440-8446.	4.8	4
118	Mass diffusion phenomena in cerium oxide. , 2020, , 169-210.		4
119	Tuning the resistive switching in tantalum oxide-based memristors by annealing. AIP Advances, 2020, 10, .	1.3	4
120	Nonlinear Photoelectric Properties by Strained MoS₂ and SnO₂ Coreâ€Shell Nanotubes for Flexible Visible Light Photodetectors. Advanced Materials Technologies, 2021, 6, 2001105.	5.8	4
121	Enhanced electromechanical properties in low-temperature gadolinium-doped ceria composites with low-dimensional carbon allotropes. Journal of Materials Chemistry A, 2022, 10, 4024-4031.	10.3	4
122	A Soft Chemistry Route for the Synthesis of Nanostructured Pb2Ru2O6.5with a Controlled Stoichiometry. Journal of the American Ceramic Society, 2008, 91, 437-443.	3.8	3
123	In situ characterization of delamination and crack growth of a CGOâ€“LSM multi-layer ceramic sample investigated by X-ray tomographic microscopy. Journal of the European Ceramic Society, 2014, 34, 3019-3025.	5.7	3
124	Solid-oxide fuel cells. , 2015, , 443-478.		3
125	New results on the cauchy problem for a class of hyperbolic equations in the half-space. AIP Conference Proceedings, 2015, , .	0.4	3
126	Impact of cation redox chemistry on continuous hydrothermal synthesis of 2D-Ni(Co/Fe) hydroxides. Reaction Chemistry and Engineering, 2019, 4, 2060-2073.	3.7	3

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127	Electrostrictive Ceramics and Their Applications. , 2021, , 369-374.		3
128	Low-temperature synthesis of bismuth titanate by modified citrate amorphous method. Ceramics International, 2021, 47, 12130-12136.	4.8	3
129	Different impact of anti-retroviral regimen containing protease inhibitors on development of HIV-related Kaposi sarcoma. In Vivo, 2015, 29, 133-6.	1.3	3
130	Synthesis, Characterization, and Densification of Samaria Doped Ceria Ultra-Fine Powders. ECS Transactions, 2006, 1, 35-50.	0.5	2
131	Electrode Performance of Nanostructured La1-aSraCo1-bFebO3-x on a Ce0.8Sm0.2O2 Electrolyte Prepared by Citrate-Nitrate Auto-Combustion. ECS Transactions, 2006, 1, 219-232.	0.5	2
132	Ceria-Based Thin Film Hetero-structure Growth and Characterization for SOFC Applications. ECS Transactions, 2007, 7, 891-898.	0.5	2
133	Nafion-Mesoporous Silica as Electrolyte for Ethanol Fuel Cells. ECS Transactions, 2009, 25, 853-860.	0.5	2
134	The effects of thermal annealing on the structure and the electrical transport properties of ultrathin gadolinia-doped ceria films grown by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2011, 104, 845-850.	2.3	2
135	A priori estimates in Sobolev spaces for a class of hyperbolic operators in presence of transition. Journal of Hyperbolic Differential Equations, 2019, 16, 245-270.	0.5	2
136	Interferon gamma release assays and tubercolin skin test performance in different settings of HIV immunodeficiency. In Vivo, 2015, 29, 137-40.	1.3	2
137	Preparation and characterization of lead ruthenate based composite cathodes for SOFC applications. Materials Research Society Symposia Proceedings, 2004, 835, K8.10.1.	0.1	1
138	Fabrication of Ce1-xGdxO2-0.5x Electrolytes with Tunable Dense Microstructures for IT-SOFC Applications. ECS Transactions, 2007, 7, 2093-2101.	0.5	1
139	On the Cauchy problem for a class of hyperbolic operators with triple characteristics. Ricerche Di Matematica, 2020, , 1.	1.0	1
140	Effect of high oxygen deficiency in nano-confined bismuth sesquioxide. JPhys Energy, 2020, 2, 024010.	5.3	1
141	New Chemical Routes for Preparation of Ultrafine Nio-YSZ Powders for SOFC Anode Applications. ECS Proceedings Volumes, 2003, 2003-07, 643-652.	0.1	1
142	RuO2-Based Dense Electrodes for ESB Electrolyte IT-SOFCs. ECS Proceedings Volumes, 2005, 2005-07, 1764-1770.	0.1	1
143	Electrical characterization of gadolinia doped ceria films grown by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2010, 101, 601.	2.3	1
144	Solid solution enhanced electrostriction in the YSZ-GDC system. Open Ceramics, 2022, 9, 100206.	2.0	1

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145	Electrochemical Response of Highly Porous Percolative CGO Electrospun Membranes. Catalysts, 2020, 10, 756.	3.5	0
146	The Cauchyâ€“Neumann and Cauchyâ€“Robin problems for a class of hyperbolic operators with double characteristics in presence of transition. Journal of Pseudo-Differential Operators and Applications, 2020, 11, 1991-2022.	0.7	0
147	Existence results for the mixed Cauchyâ€“Dirichlet problem for a class of hyperbolic operators. Annali Di Matematica Pura Ed Applicata, 2021, 200, 2235-2262.	1.0	0
148	The effect of external stimuli on the performance of memristive oxides. , 2022, , 361-398.		0
149	High-performance electrostrictor oxide thin films. , 2022, , 449-467.		0