

Dusan A Pejakovic

List of Publications by Year in descending order

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28
papers

892
citations

586496

16
h-index

651938

25
g-index

28
all docs

28
docs citations

28
times ranked

992
citing authors

#	ARTICLE	IF	CITATIONS
1	O ₂ (Σ_g^+ , $\tilde{\nu} = 0, 1$) relative yields in O(D) + O ₂ energy transfer. Journal of Chemical Physics, 2014, 141, 024303.	1.2	12
2	Laboratory Investigation of the Active Nitridation of Graphite by Atomic Nitrogen. Journal of Thermophysics and Heat Transfer, 2012, 26, 10-21.	0.9	26
3	Temperature Jump Phenomenon During Plasmatron Testing of ZrB ₂ -SiC Ultrahigh-Temperature Ceramics. Journal of Thermophysics and Heat Transfer, 2012, 26, 559-572.	0.9	70
4	Atomic oxygen emission intensity ratio: Observation and theory. Eos, 2011, 92, 291-292.	0.1	9
5	Validation of a volume-averaged fiber-scale model for the oxidation of a carbon-fiber preform. , 2011, , .		22
6	Thermal and Electrical Transport Properties of Spark Plasma-Sintered HfB ₂ and ZrB ₂ Ceramics. Journal of the American Ceramic Society, 2011, 94, 2562-2570.	1.9	100
7	Surface modification of highly oriented pyrolytic graphite by reaction with atomic nitrogen at high temperatures. Applied Surface Science, 2011, 257, 5647-5656.	3.1	15
8	Collisional relaxation of O ₂ (Σ_g^+ , $\tilde{\nu} = 1$) and O ₂ ($a^1\pi_g$, $\tilde{\nu} = 1$) by atmospherically relevant species. Journal of Chemical Physics, 2011, 135, 094309.	1.2	23
9	Synthesis of carbon-rich hafnia thin films by pulsed laser deposition. Journal of the European Ceramic Society, 2010, 30, 2289-2300.	2.8	11
10	Studies of the phosphorescence of polycrystalline hafnia. Journal of Luminescence, 2010, 130, 1048-1054.	1.5	28
11	Direct Detection of NO Produced by High-Temperature Surface-Catalyzed Atom Recombination. Journal of Thermophysics and Heat Transfer, 2010, 24, 603-611.	0.9	16
12	Oxidation of ZrB ₂ -SiC Ultrahigh-Temperature Ceramic Composites in Dissociated Air. Journal of Thermophysics and Heat Transfer, 2009, 23, 267-278.	0.9	52
13	Laboratory Investigation of Active Graphite Nitridation by Atomic Nitrogen. , 2009, , .		4
14	Laboratory determination of the rate coefficient for three-body recombination of oxygen atoms in nitrogen. Journal of Geophysical Research, 2008, 113, .	3.3	12
15	Nitric Oxide Production from Surface Recombination of Oxygen and Nitrogen Atoms. , 2008, , .		0
16	Nitric Oxide Production from Surface Recombination of Oxygen and Nitrogen Atoms. Journal of Thermophysics and Heat Transfer, 2008, 22, 178-186.	0.9	23
17	Studies on the production of O ₂ ($a^1\pi_g$, $\tilde{\nu} = 0$) and O ₂ ($b^1\Sigma_g^+$, $\tilde{\nu} = 0$) from collisional removal of O ₂ ($A^1\Sigma_g^+$, $\tilde{\nu} = 0$) from collisional removal of $\text{R} + \text{O}_2 \rightarrow \text{RO} + \text{O}$. ^{3.3}	3.3	12
18	Collisional Removal of $\text{R} + \text{O}_2 \rightarrow \text{RO} + \text{O}$. $\hat{a}^2 = 6\hat{a}^{\epsilon(10)}$ <small> xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsev. Chemical </small>	1.2	19

#	ARTICLE	IF	CITATIONS
19	Collisional removal of $O_2(b^1\Sigma_g^+, \tilde{\nu} = 1)$ by O_2 at thermospheric temperatures. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	24
20	Photoinduced Magnetization in the Organic-Based Magnet $Mn(TCNE)_x(CH_2Cl)_y$. <i>Physical Review Letters</i> , 2002, 88, 057202.	2.9	84
21	Control of Magnetic Order by Light in Molecule-Based Magnets. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 374, 289-302.	0.4	8
22	Optical control of magnetic order in molecule-based magnet $Mn(TCNE)_x(CH_2Cl)_y$. <i>Journal of Applied Physics</i> , 2002, 91, 7176.	1.1	11
23	Control of Magnetic Order by Light in Molecule-Based Magnets. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 374, 289-302.	0.3	1
24	Photoinduced magnetism in a cluster glass: $Co^{II}Fe$ Prussian blue. <i>Synthetic Metals</i> , 2001, 122, 529-533.	2.1	33
25	Photoinduced magnetization in molecule-based magnets $K_xCo[Fe(CN)_6]_y \cdot zH_2O$ ($x \approx 0.31$, $y \approx 0.77$, $z \approx 3.54$) and $Mn(TCNE)_x(CH_2Cl)_y$ ($x \approx 2$). <i>Polyhedron</i> , 2001, 20, 1435-1439.	1.0	16
26	Manipulating magnets with light: photoinduced magnetism of cobalt-iron Prussian blue analogs. <i>Current Applied Physics</i> , 2001, 1, 15-20.	1.1	17
27	Effect of solvent on the magnetic properties of the high-temperature $V(TCNE)_x$ molecule-based magnet. <i>Physical Review B</i> , 2001, 63, .	1.1	61
28	Photoinduced Magnetism, Dynamics, and Cluster Glass Behavior of a Molecule-Based Magnet. <i>Physical Review Letters</i> , 2000, 85, 1994-1997.	2.9	183