

Jean Boisson

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

371
citations

1039880

9
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear magnetic vibration absorber for passive control of a multi-storey structure. Journal of Sound and Vibration, 2019, 438, 33-53.	2.1	85
2	Dynamo regimes and transitions in the VKS experiment. European Physical Journal B, 2010, 77, 459-468.	0.6	70
3	Design of a magnetic vibration absorber with tunable stiffnesses. Nonlinear Dynamics, 2016, 85, 893-911.	2.7	58
4	Water reorientation dynamics in the first hydration shells of $\text{F}^{\text{a}^{\text{r}}}$ and $\text{l}^{\text{a}^{\text{r}}}$. Physical Chemistry Chemical Physics, 2011, 13, 19895.	1.3	52
5	Earth rotation prevents exact solid-body rotation of fluids in the laboratory. Europhysics Letters, 2012, 98, 59002.	0.7	24
6	Vibrational Symmetry Breaking of $\text{NO}_3^{\text{a}^{\text{r}}}$ in Aqueous Solution: NO Asymmetric Stretch Frequency Distribution and Mean Splitting. Journal of Physical Chemistry A, 2010, 114, 1255-1269.	1.1	18
7	Experimental Observation of Spatially Localized Dynamo Magnetic Fields. Physical Review Letters, 2012, 108, 144501.	2.9	14
8	Contribution of the periosteum to mandibular distraction. PLoS ONE, 2018, 13, e0199116.	1.1	12
9	Dynamics of a chain of permanent magnets. Europhysics Letters, 2015, 109, 34002.	0.7	11
10	Modeling of the human mandibular periosteum material properties and comparison with the calvarial periosteum. Biomechanics and Modeling in Mechanobiology, 2020, 19, 461-470.	1.4	9
11	Aggregation of retail stores. Physica A: Statistical Mechanics and Its Applications, 2005, 351, 551-570.	1.2	7
12	Feasibility of magnetic activation of a maxillofacial distraction osteogenesis, design of a new device. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 684-688.	0.7	6
13	Inertial regimes in a curved electromagnetically forced flow. Journal of Fluid Mechanics, 2017, 813, 860-881.	1.4	4
14	Identification of a visco-hyperelastic model for mandibular periosteum. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 133, 105323.	1.5	1