

Mihaela Pavlicev

List of Publications by Year in descending order

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71
papers

4,581
citations

172457

29
h-index

118850

62
g-index

75
all docs

75
docs citations

75
times ranked

6619
citing authors

#	ARTICLE	IF	CITATIONS
1	Female Genital Variation Far Exceeds That of Male Genitalia: A Review of Comparative Anatomy of Clitoris and the Female Lower Reproductive Tract in Theria. Integrative and Comparative Biology, 2022, 62, 581-601.	2.0	6
2	Orgasm. , 2022, , 4843-4850.		0
3	Evolution of Embryo Implantation Was Enabled by the Origin of Decidual Stromal Cells in Eutherian Mammals. Molecular Biology and Evolution, 2021, 38, 1060-1074.	8.9	23
4	Pleiotropy and Its Evolution: Connecting Evo-Devo and Population Genetics. , 2021, , 1087-1096.		0
5	Developmental Evolutionary Biology (Devo-Evo). , 2021, , 1033-1046.		0
6	Evolution of the human pelvis and obstructed labor: new explanations of an old obstetrical dilemma. American Journal of Obstetrics and Gynecology, 2020, 222, 3-16.	1.3	69
7	Eutherian-Specific Gene TRIML2 Attenuates Inflammation in the Evolution of Placentation. Molecular Biology and Evolution, 2020, 37, 507-523.	8.9	13
8	Endogenous retroviruses drive species-specific germline transcriptomes in mammals. Nature Structural and Molecular Biology, 2020, 27, 967-977.	8.2	60
9	Endometrial Decidualization: The Primary Driver of Pregnancy Health. International Journal of Molecular Sciences, 2020, 21, 4092.	4.1	151
10	Pregnant Females as Historical Individuals: An Insight From the Philosophy of Evo-Devo. Frontiers in Psychology, 2020, 11, 572106.	2.1	17
11	Endometrial recognition of pregnancy occurs in the grey short-tailed opossum (<i>Monodelphis domestica</i>). <i>Evolutionary Biology</i> 2020, 42, 1-11.	2.6	11
12	Peptide/Receptor Co-evolution Explains the Lipolytic Function of the Neuropeptide TLQP-21. Cell Reports, 2019, 28, 2567-2580.e6.	6.4	20
13	An experimental test of the ovulatory homolog model of female orgasm. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20267-20273.	7.1	13
14	Predicting evolutionary potential: A numerical test of evolvability measures. Evolution; International Journal of Organic Evolution, 2019, 73, 689-703.	2.3	26
15	Humans as inverted bats: A comparative approach to the obstetric conundrum. American Journal of Human Biology, 2019, 31, e23227.	1.6	29
16	Evolution of placental invasion and cancer metastasis are causally linked. Nature Ecology and Evolution, 2019, 3, 1743-1753.	7.8	53
17	Reply to Quintana et al.: Behavior is an unlikely mediator of fluoxetine effects on ovulation in rabbits. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25384-25385.	7.1	0
18	Decidualization of Human Endometrial Stromal Fibroblasts is a Multiphasic Process Involving Distinct Transcriptional Programs. Reproductive Sciences, 2019, 26, 323-336.	2.5	45

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19	Female orgasm and the emergence of prosocial empathy: An evolutionary perspective. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 66-75.	1.3	8
20	Genetic Associations With Gestational Duration and Spontaneous Preterm Birth. <i>Obstetrical and Gynecological Survey</i> , 2018, 73, 83-85.	0.4	4
21	Human Parturition: Nothing More Than a Delayed Menstruation. <i>Reproductive Sciences</i> , 2018, 25, 166-173.	2.5	29
22	Anthropoid primate-specific retroviral element THE1B controls expression of CRH in placenta and alters gestation length. <i>PLoS Biology</i> , 2018, 16, e2006337.	5.6	67
23	Orgasm. , 2018, , 232-237.		0
24	Orgasm. , 2018, , 1-7.		0
25	Reply to Grossman: The role of natural selection for the increase of Caesarean section rates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1305.	7.1	3
26	Single-cell transcriptomics of the human placenta: inferring the cell communication network of the maternal-fetal interface. <i>Genome Research</i> , 2017, 27, 349-361.	5.5	260
27	Origin, Function, and Effects of Female Orgasm: All Three are Different. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2017, 328, 299-303.	1.3	6
28	Cliff-edge model predicts intergenerational predisposition to dystocia and Caesarean delivery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11669-11672.	7.1	18
29	Genetic Associations with Gestational Duration and Spontaneous Preterm Birth. <i>New England Journal of Medicine</i> , 2017, 377, 1156-1167.	27.0	309
30	Transposable Element Exaptation into Regulatory Regions Is Rare, Influenced by Evolutionary Age, and Subject to Pleiotropic Constraints. <i>Molecular Biology and Evolution</i> , 2017, 34, 2856-2869.	8.9	71
31	Cliff-edge model of obstetric selection in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14680-14685.	7.1	62
32	Development Shapes a Consistent Inbreeding Effect in Mouse Crania of Different Line Crosses. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016, 326, 474-488.	1.3	11
33	Comparing human and macaque placental transcriptomes to disentangle preterm birth pathology from gestational age effects. <i>Placenta</i> , 2016, 41, 74-82.	1.5	19
34	What the Evolution of Female Orgasm Teaches Us. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016, 326, 325-325.	1.3	6
35	The Evolutionary Origin of Female Orgasm. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016, 326, 326-337.	1.3	51
36	The Transcriptomic Evolution of Mammalian Pregnancy: Gene Expression Innovations in Endometrial Stromal Fibroblasts. <i>Genome Biology and Evolution</i> , 2016, 8, 2459-2473.	2.5	43

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37	Pleiotropy and Its Evolution: Connecting Evo-Devo and Population Genetics. , 2016, , 1-10.		3
38	The origin and evolution of cell types. Nature Reviews Genetics, 2016, 17, 744-757.	16.3	572
39	Multivariate Analysis of Genotypeâ€“Phenotype Association. Genetics, 2016, 202, 1345-1363.	2.9	33
40	Wiring for independence: Positive feedback motifs facilitate individuation of traits in development and evolution. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2015, 324, 104-113.	1.3	13
41	Detecting Endogenous Retrovirus-Driven Tissue-Specific Gene Transcription. Genome Biology and Evolution, 2015, 7, 1082-1097.	2.5	43
42	Constraints Evolve: Context Dependency of Gene Effects Allows Evolution of Pleiotropy. Annual Review of Ecology, Evolution, and Systematics, 2015, 46, 413-434.	8.3	73
43	Genomics of Preterm Birth. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a023127-a023127.	6.2	25
44	Evolution of mammalian pregnancy and the origin of the decidual stromal cell. International Journal of Developmental Biology, 2014, 58, 117-126.	0.6	62
45	Human Evolution, Genomics, and Birth Timing: New Approaches for Investigating Preterm Birth. NeoReviews, 2014, 15, e17-e27.	0.8	1
46	THE EVOLUTION OF PHENOTYPIC CORRELATIONS AND â€œDEVELOPMENTAL MEMORYâ€ Evolution; International Journal of Organic Evolution, 2014, 68, 1124-1138.	2.3	103
47	On the Relationship between Ontogenetic and Static Allometry. American Naturalist, 2013, 181, 195-212.	2.1	88
48	Genomic Correlates of Relationship QTL Involved in Fore- versus Hind Limb Divergence in Mice. Genome Biology and Evolution, 2013, 5, 1926-1936.	2.5	16
49	A model of developmental evolution: selection, pleiotropy and compensation. Trends in Ecology and Evolution, 2012, 27, 316-322.	8.7	140
50	Weak genetic relationship between trabecular bone morphology and obesity in mice. Bone, 2012, 51, 46-53.	2.9	9
51	Coming to Grips with Evolvability. Evolution: Education and Outreach, 2012, 5, 231-244.	0.8	17
52	Evolution of adaptive phenotypic variation patterns by direct selection for evolvability. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1903-1912.	2.6	97
53	Genotype-Phenotype Maps Maximizing Evolvability: Modularity Revisited. Evolutionary Biology, 2011, 38, 371-389.	1.1	56
54	Evolution of pleiotropy: epistatic interaction pattern supports a mechanistic model underlying variation in genotypeâ€“phenotype map. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2011, 316B, 371-385.	1.3	43

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55	Directionality of Epistasis in a Murine Intercross Population. <i>Genetics</i> , 2010, 185, 1489-1505.	2.9	27
56	Calpain-10 is a component of the obesity-related quantitative trait locus Adip1. <i>Journal of Lipid Research</i> , 2010, 51, 907-913.	4.2	16
57	Calpain-10 is a component of the obesity-related quantitative trait locus Adip1. <i>Journal of Lipid Research</i> , 2010, 51, 907-913.	4.2	26
58	Repeated sequence homogenization between the control and pseudo-control regions in the mitochondrial genomes of the subfamily Aquilinae. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009, 312B, 171-185.	1.3	19
59	Spring migration dynamics and sex-specific patterns in stopover strategy in the Wood Sandpiper <i>Tringa glareola</i> . <i>Journal of Ornithology</i> , 2009, 150, 313-319.	1.1	7
60	Measuring Morphological Integration Using Eigenvalue Variance. <i>Evolutionary Biology</i> , 2009, 36, 157-170.	1.1	184
61	Measuring Evolutionary Constraints Through the Dimensionality of the Phenotype: Adjusted Bootstrap Method to Estimate Rank of Phenotypic Covariance Matrices. <i>Evolutionary Biology</i> , 2009, 36, 339-353.	1.1	12
62	Fast radiation of the subfamily Lacertinae (Reptilia: Lacertidae): History or methodical artefact?. <i>Molecular Phylogenetics and Evolution</i> , 2009, 52, 727-734.	2.7	65
63	Identification of Quantitative Trait Loci Affecting Murine Long Bone Length in a Two-Generation Intercross of LG/J and SM/J Mice. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 887-895.	2.8	41
64	Pleiotropic scaling of gene effects and the "cost of complexity"™. <i>Nature</i> , 2008, 452, 470-472.	27.8	201
65	Wagner et al. reply. <i>Nature</i> , 2008, 456, E4-E4.	27.8	3
66	The Home Range and Notes on a Radio-tagged Northeastern Siberian Northern Goshawk (<i>Accipiter gentilis albidus</i>). <i>Journal of Raptor Research</i> , 2007, 41, 336-337.	0.6	0
67	The phylogeny of the family Lacertidae (Reptilia) based on nuclear DNA sequences: Convergent adaptations to arid habitats within the subfamily Eremiainae. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 1155-1163.	2.7	80
68	The road to modularity. <i>Nature Reviews Genetics</i> , 2007, 8, 921-931.	16.3	853
69	GENETIC VARIATION IN PLEIOTROPY: DIFFERENTIAL EPISTASIS AS A SOURCE OF VARIATION IN THE ALLOMETRIC RELATIONSHIP BETWEEN LONG BONE LENGTHS AND BODY WEIGHT. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 62, 071115145922006-???	2.3	100
70	Multiple copies of coding as well as pseudogenec-mos sequence exist in three lacertid species. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2006, 306B, 539-550.	1.3	15
71	UV reflecting vole scent marks attract a passerine, the great grey shrike <i>Lanius excubitor</i> . <i>Journal of Avian Biology</i> , 2002, 33, 437-440.	1.2	29